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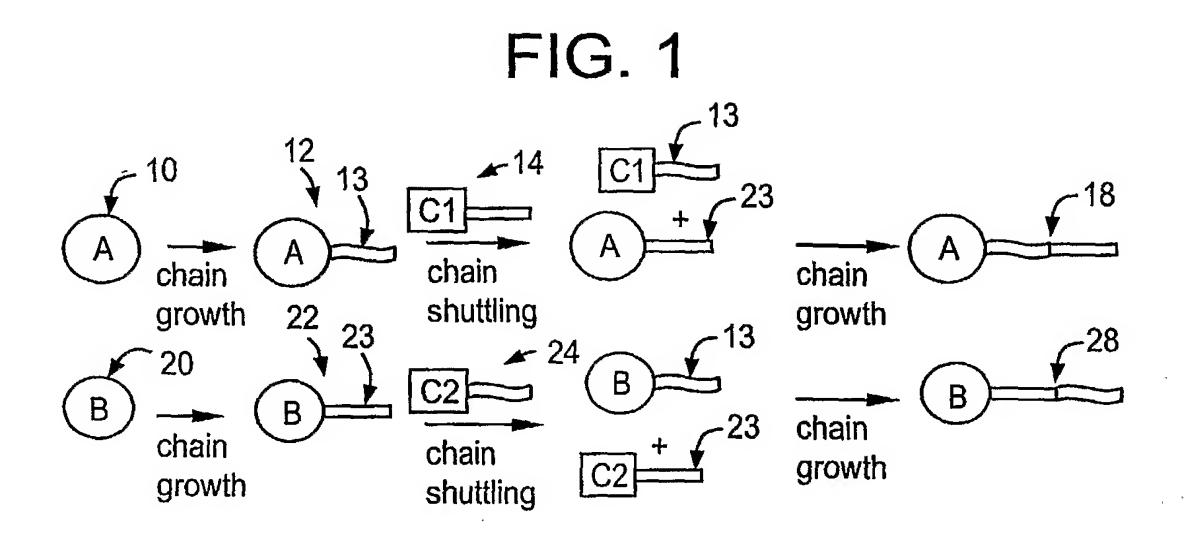
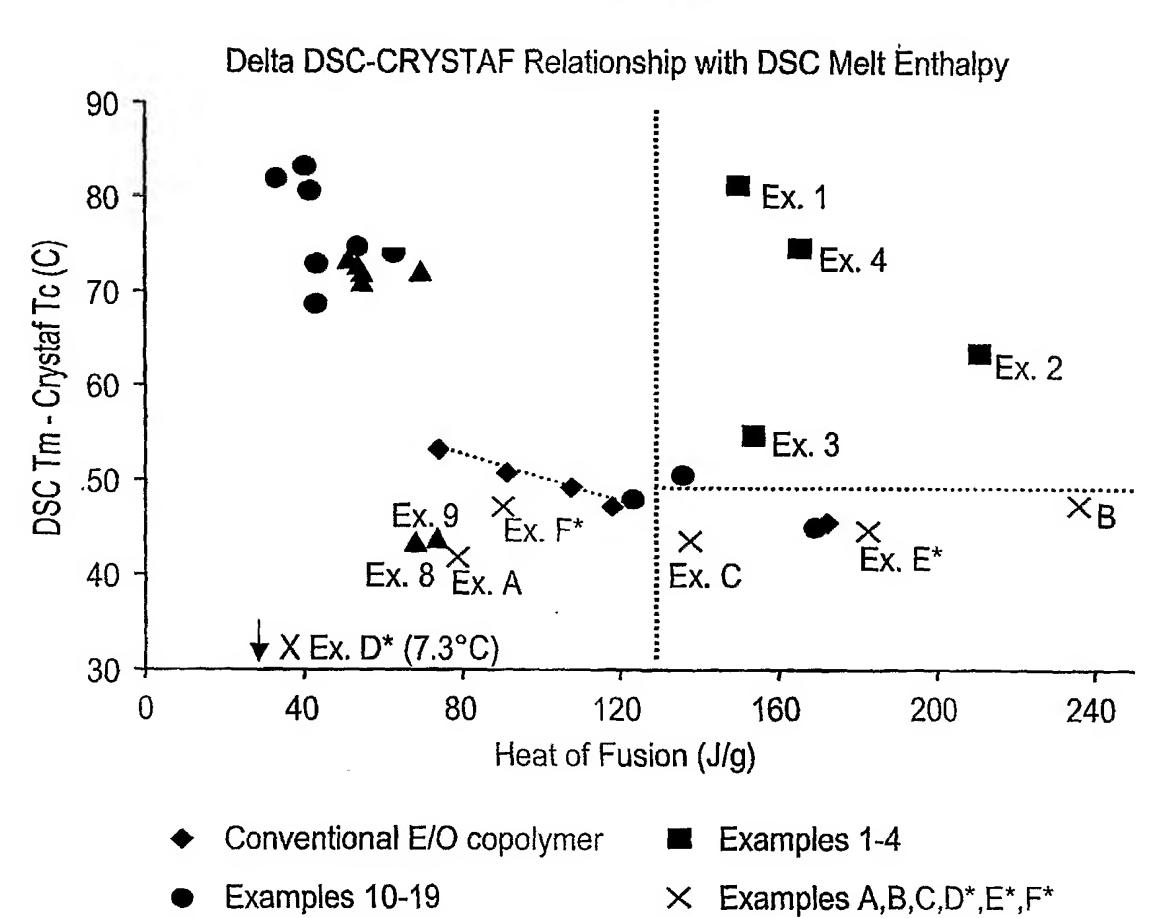


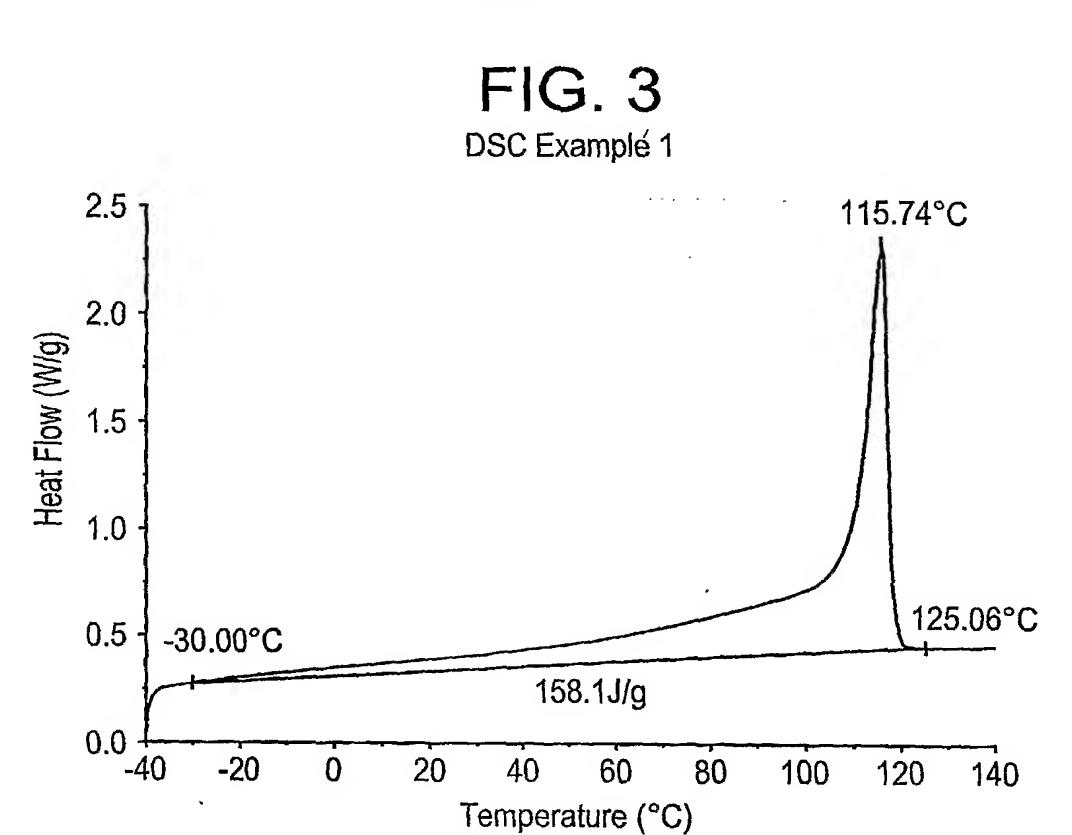
FIG. 2



SUBSTITUTE SHEET (RULE 26)

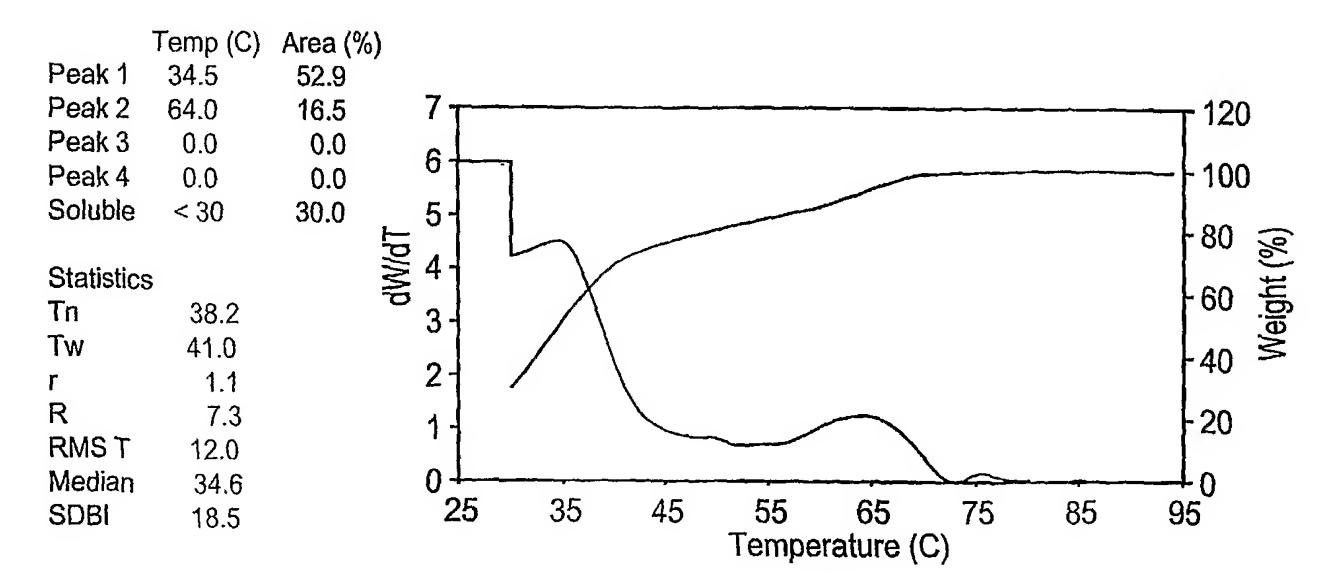
Examples 5-9





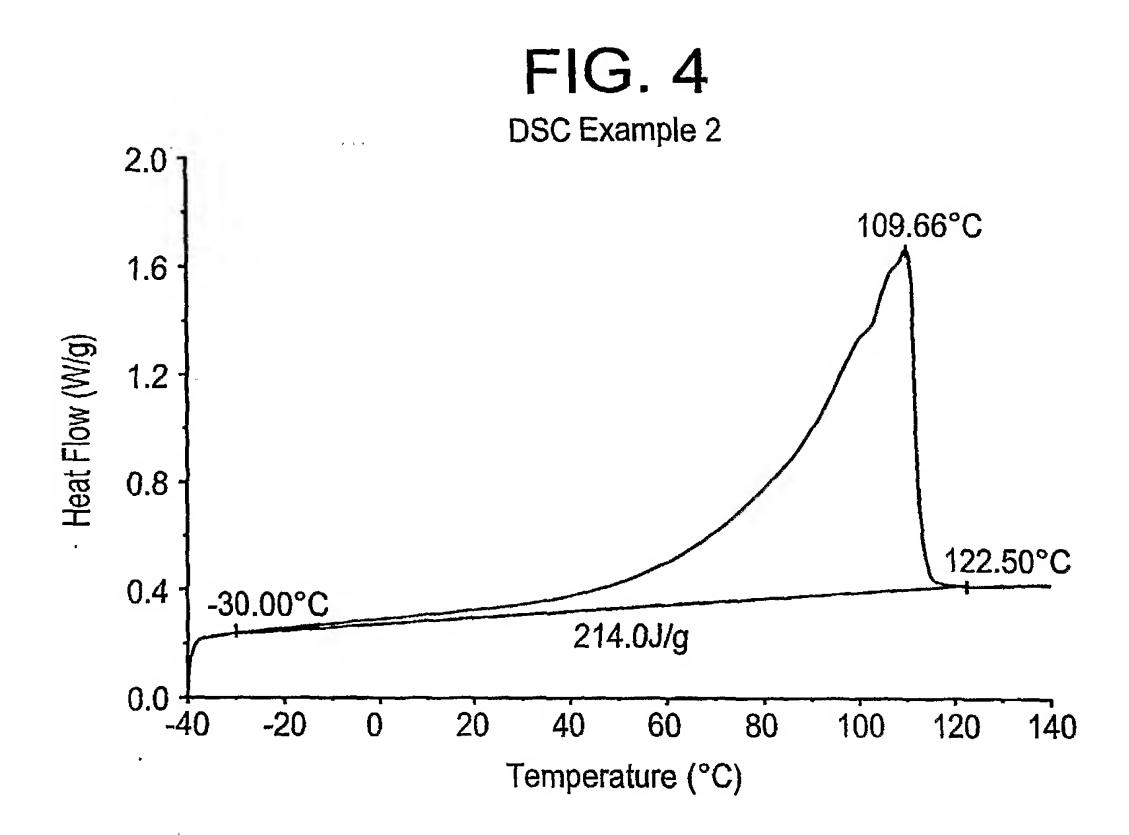
CRYSTAF Report

LIMS #: 77391.0 Reference: 102285-A2 Crystaf ID: 38600.0

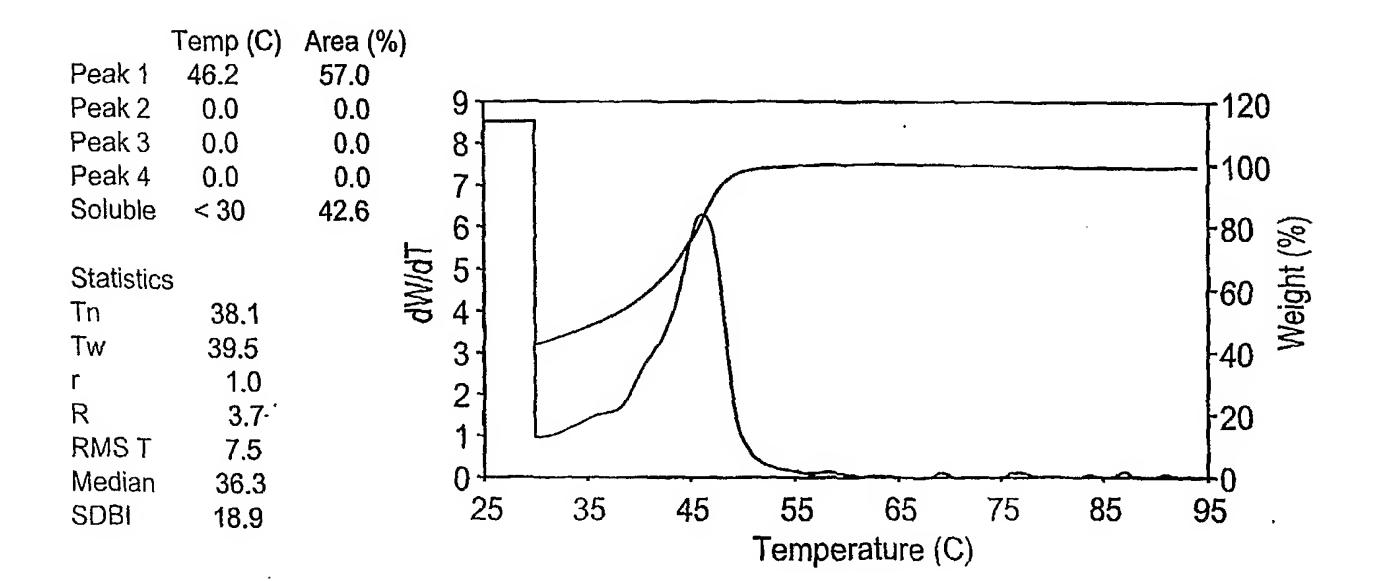


SUBSTITUTE SHEET (RULE 26)



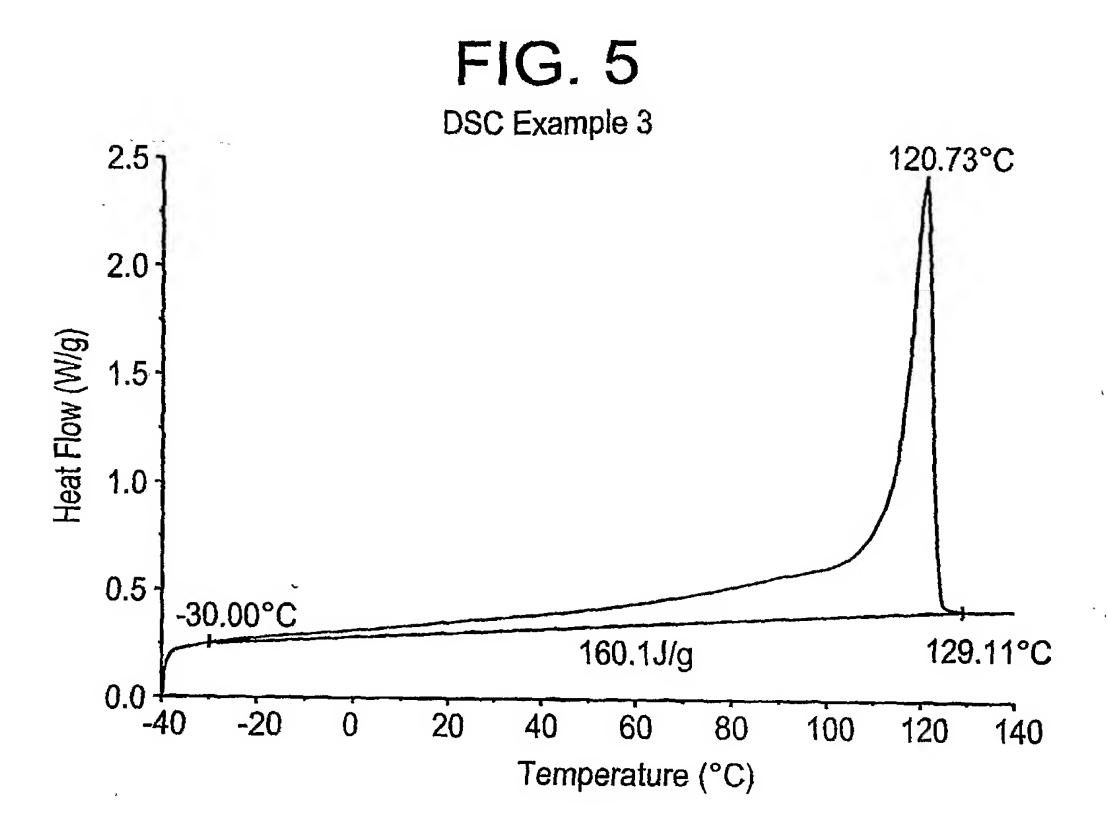


CRYSTAF Report
LIMS #: 77392.0
Reference: 102285-A2
Crystaf ID: 38630.0

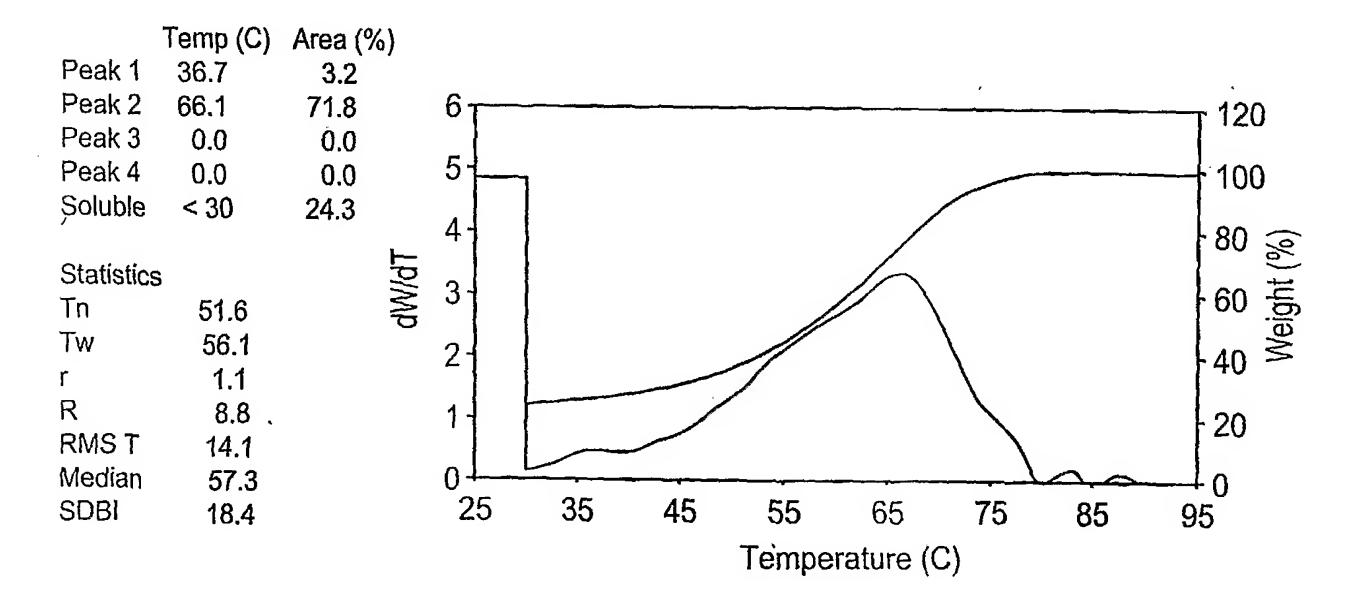


SUBSTITUTE SHEET (RULE 26)





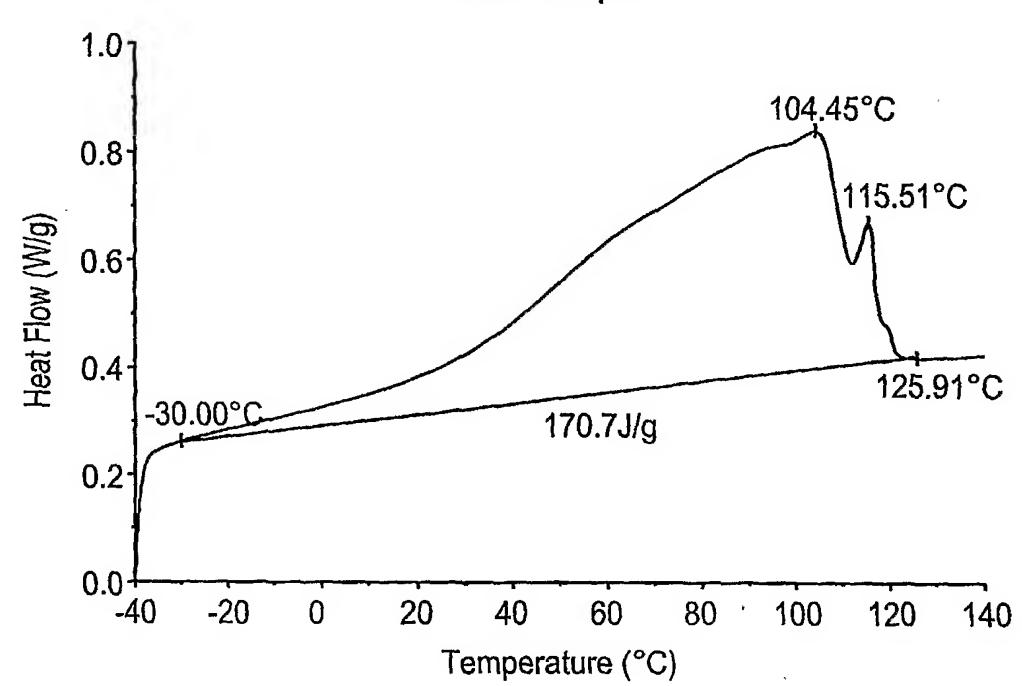
CRYSTAF Report
LIMS #: 77393.0
Reference: 102285-E4
Crystaf ID: 38661.0



SUBSTITUTE SHEET (RULE 26)

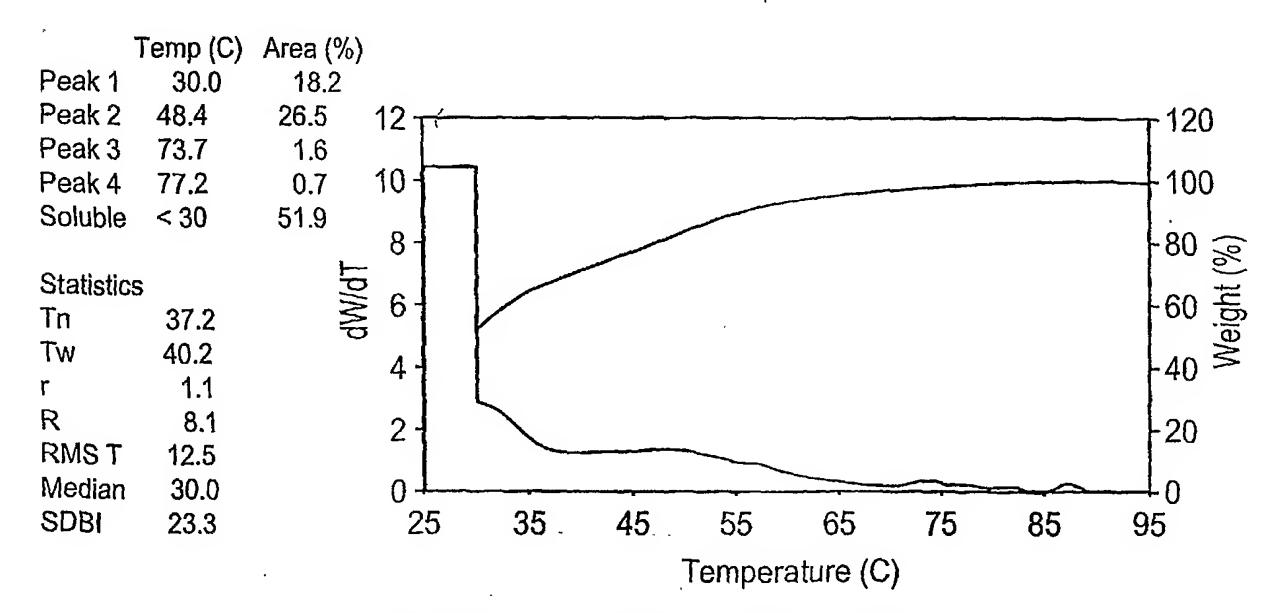






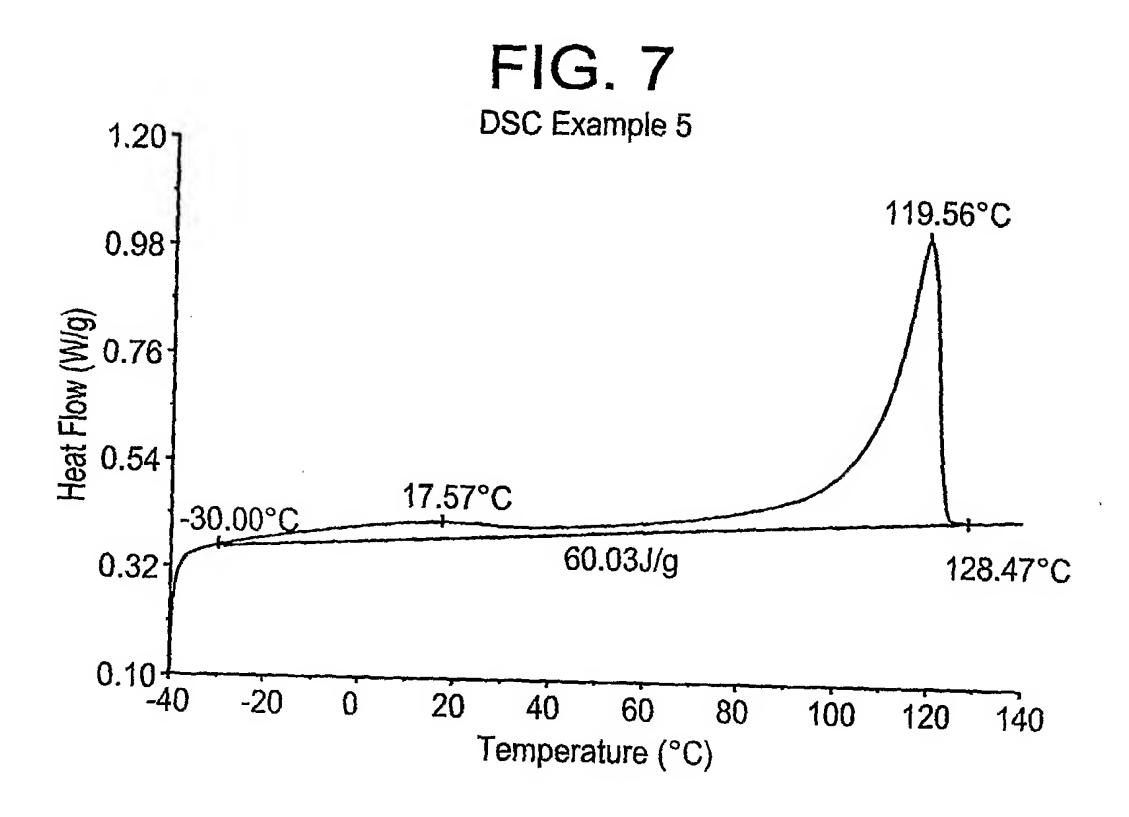
CRYSTAF Report

LIMS #: 77394.0 Reference: 102285-E5 Crystaf ID: 38691.0



SUBSTITUTE SHEET (RULE 26)

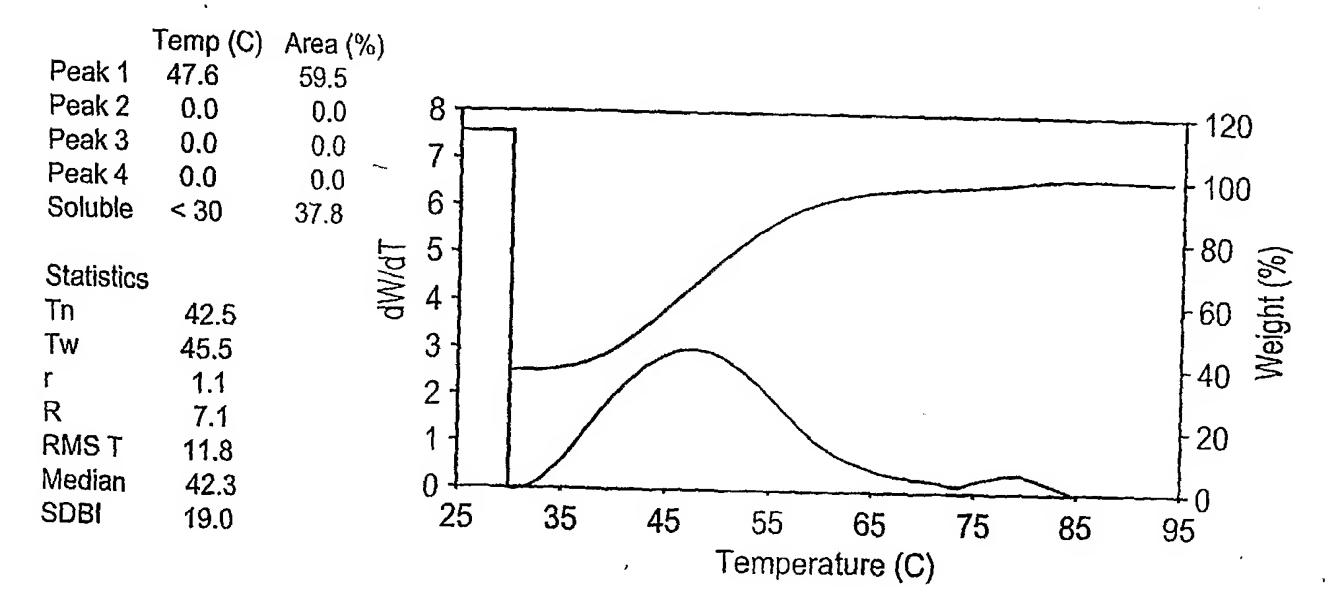
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CRYSTAF Report LIMS #: 70205.0

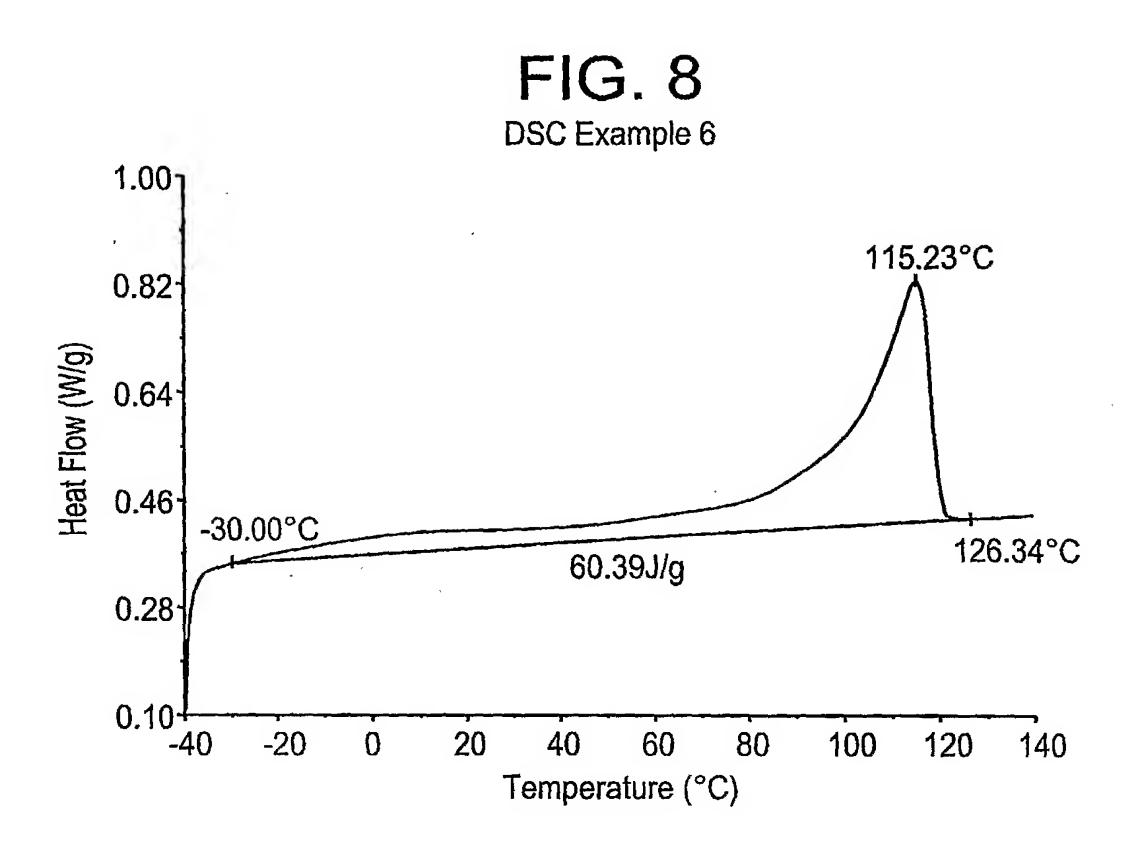
Reference: 200402166-28-8

Crystaf ID: 609-04



SUBSTITUTE SHEET (RULE 26)



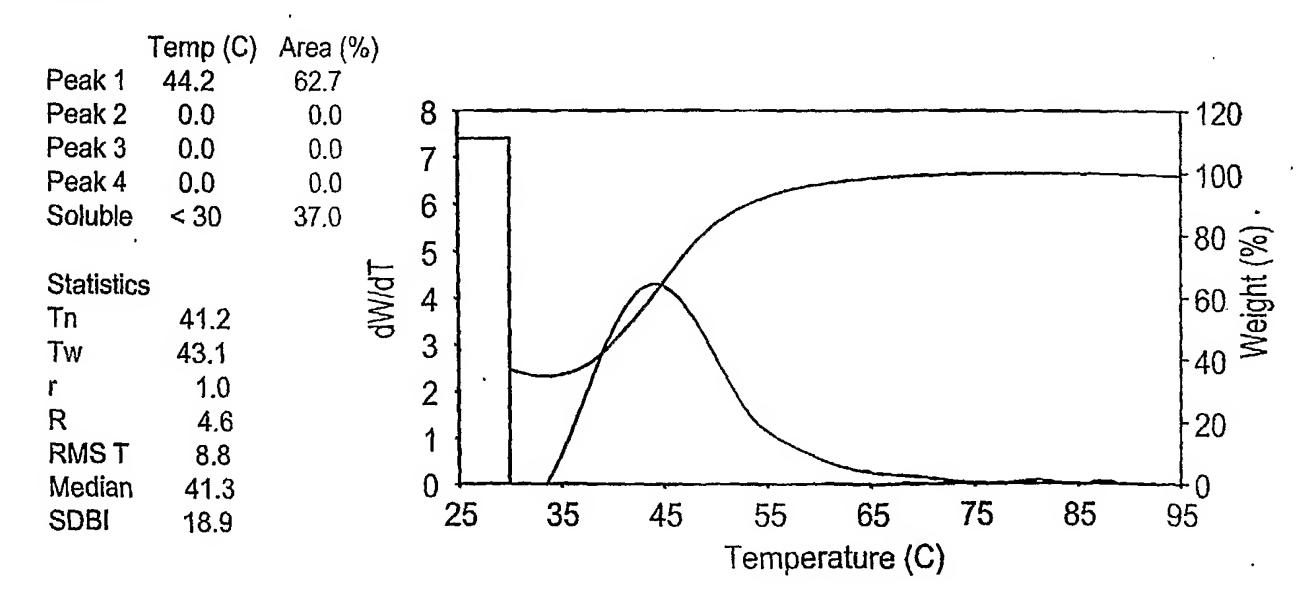


CRYSTAF Report

LIMS #: 70203.0

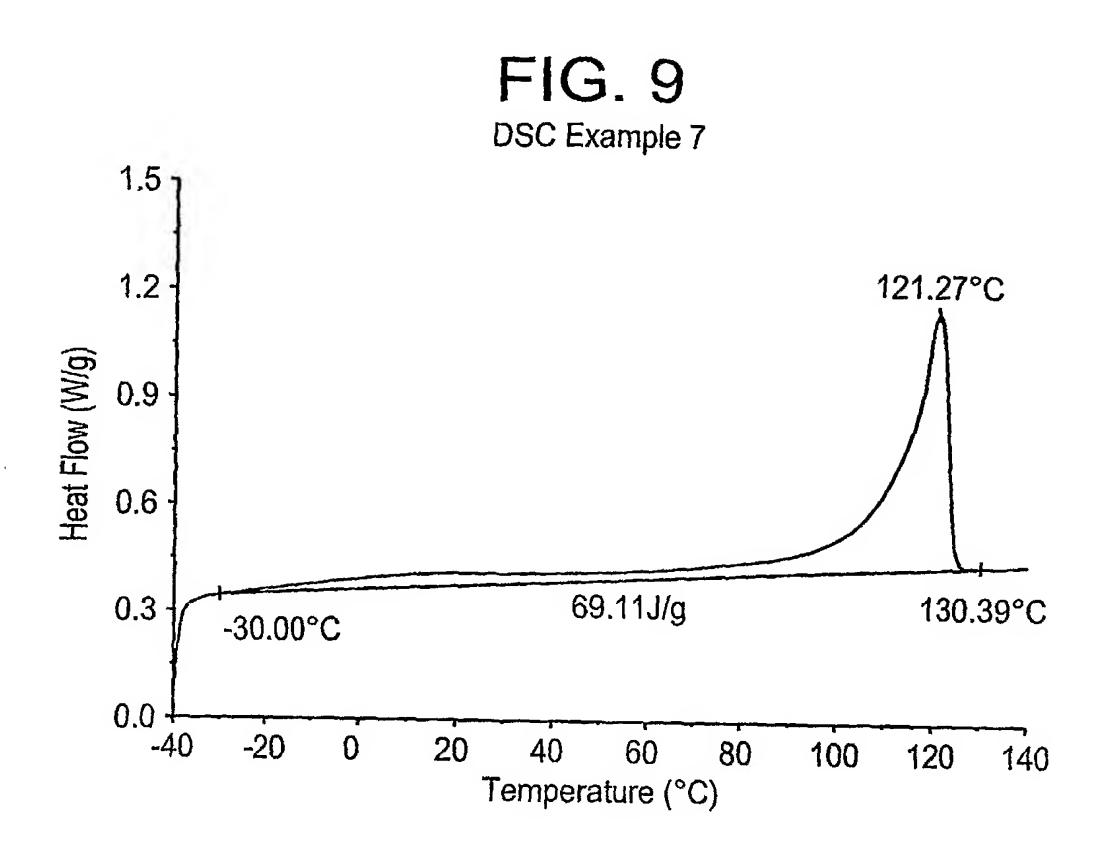
Reference: 200402166-28-6

Crystaf ID: 607-04



SUBSTITUTE SHEET (RULE 26)

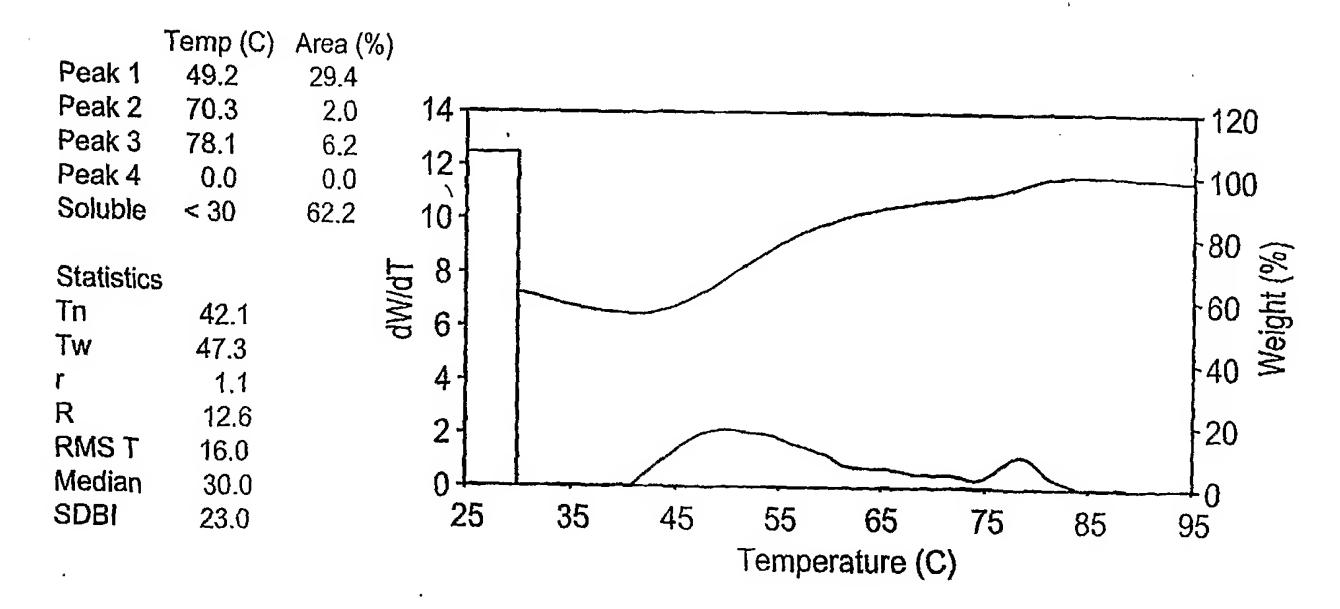




CRYSTAF Report LIMS #: 70432.0

Reference: 200402166-28-10

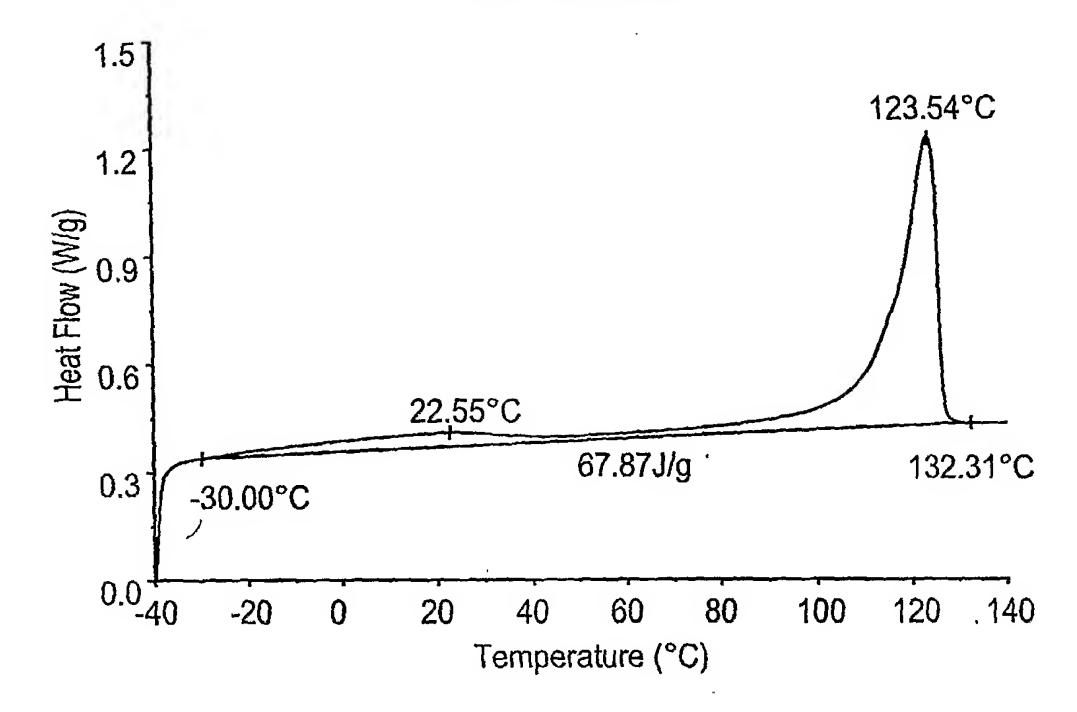
Crystaf ID: 621-04



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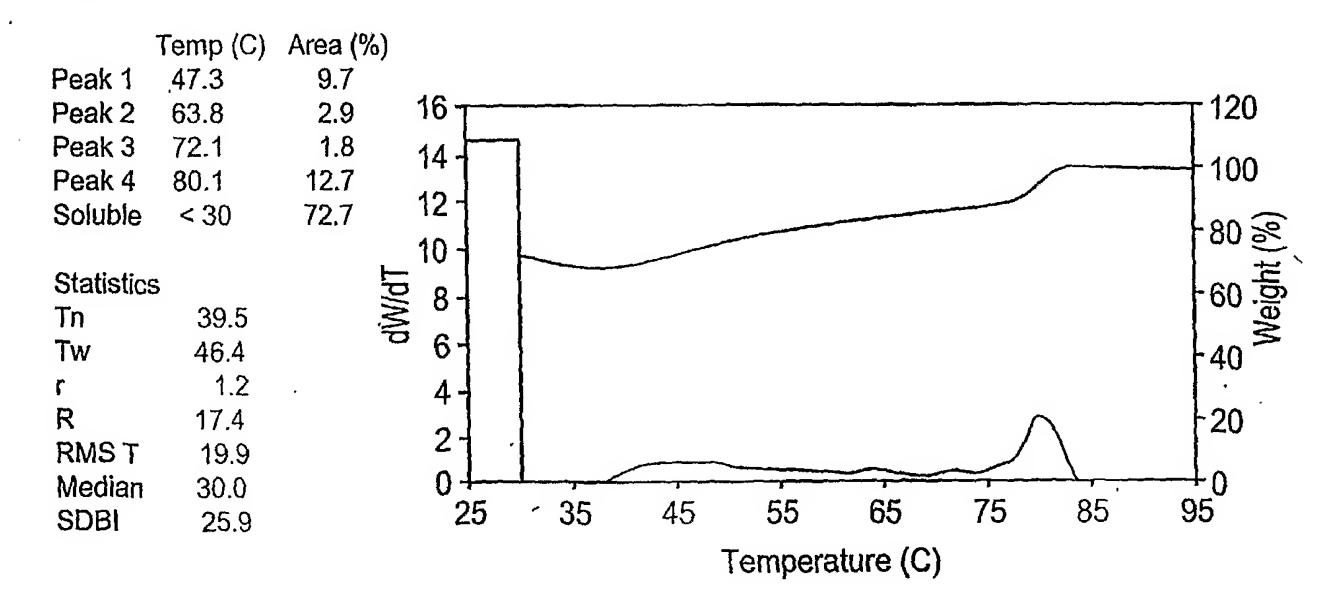
FIG. 10
DSC Example 8



CRYSTAF Report LIMS #: 70552.0

Reference: 200402166-28-13

Crystaf ID: 631-04

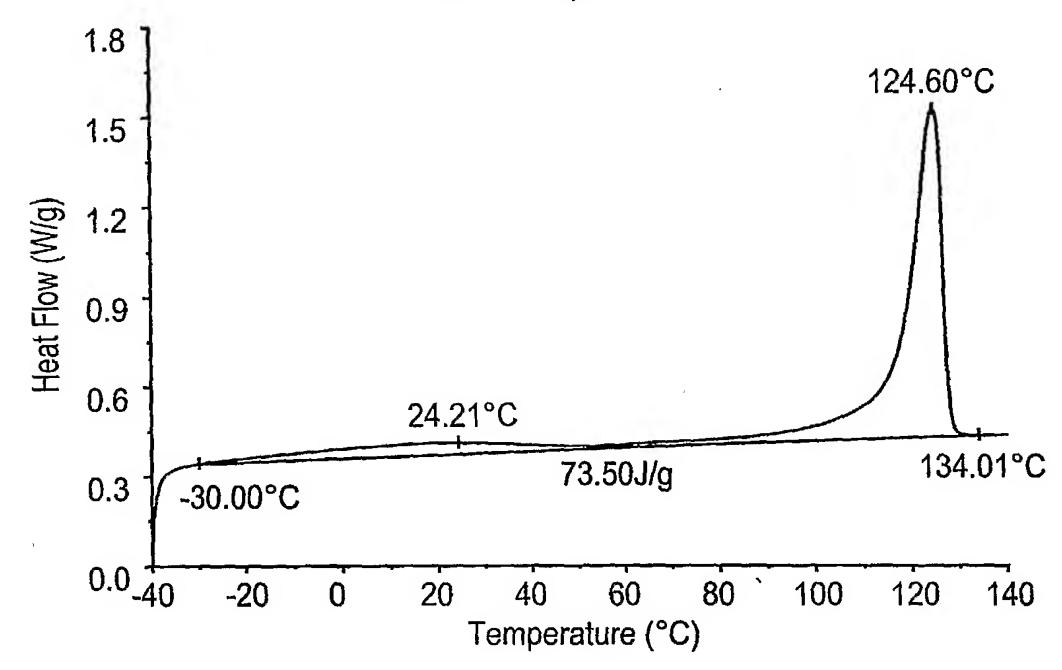


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FIG. 11

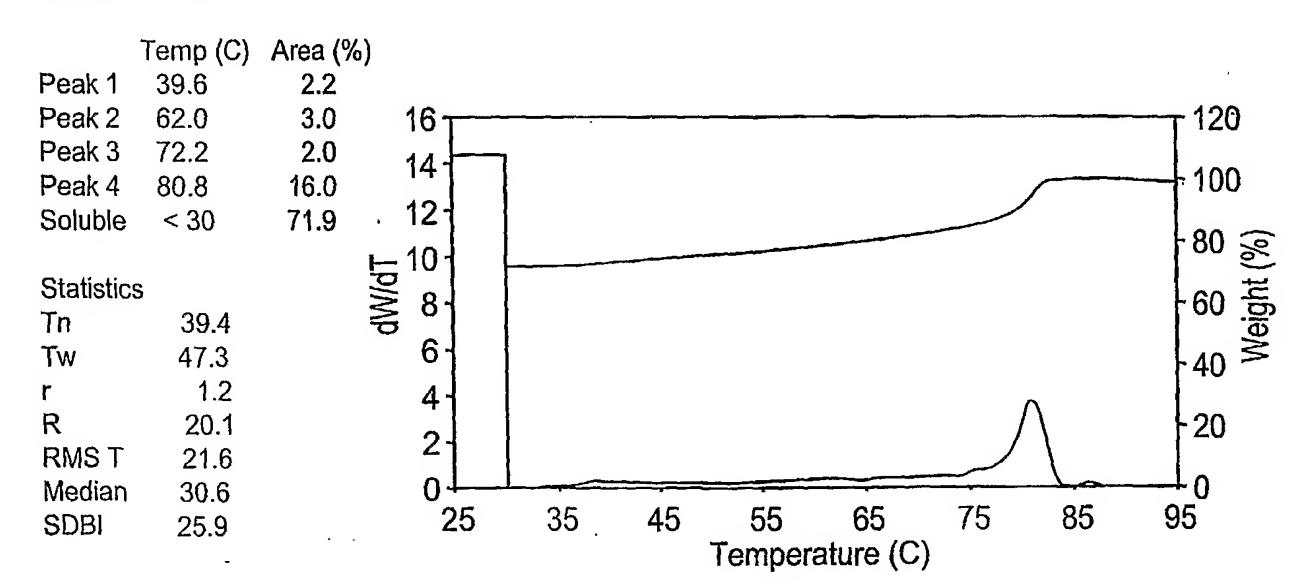




CRYSTAF Report

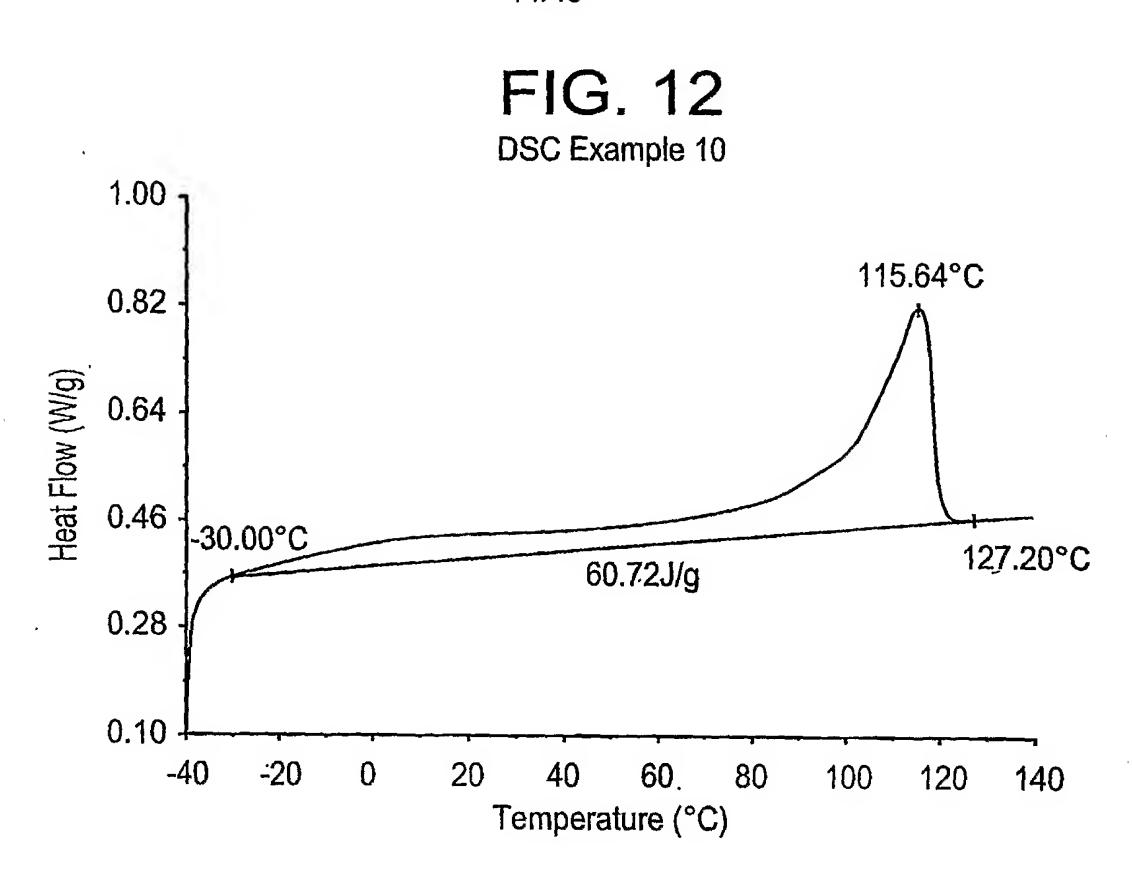
LIMS #: 70553.0 Reference: 200402166-28-14

Crystaf ID: 632-04

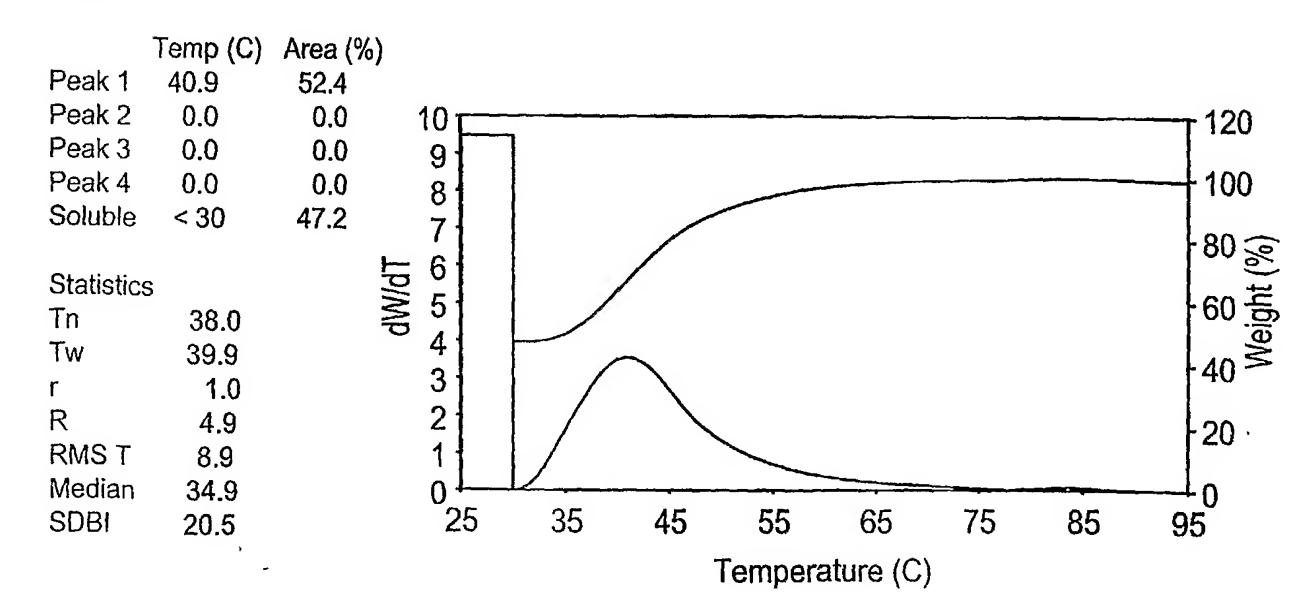


SUBSTITUTE SHEET (RULE 26)





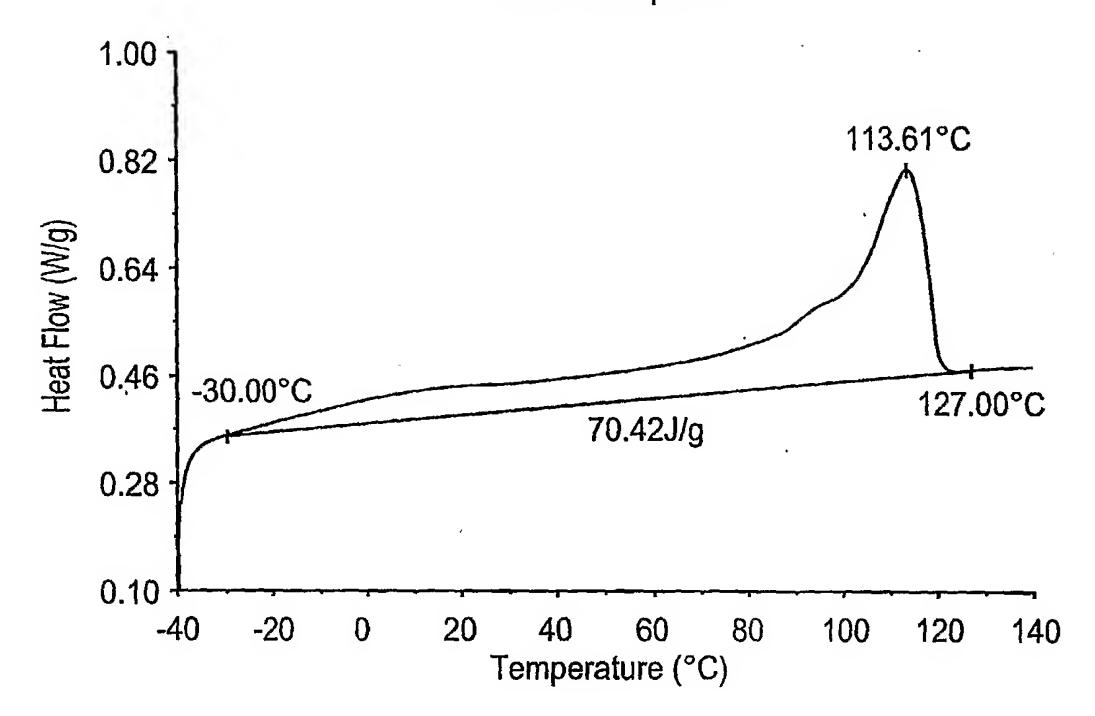
CRYSTAF Report LIMS #: 73541.0 Reference: 04C25R01 Crystaf ID: 697-04



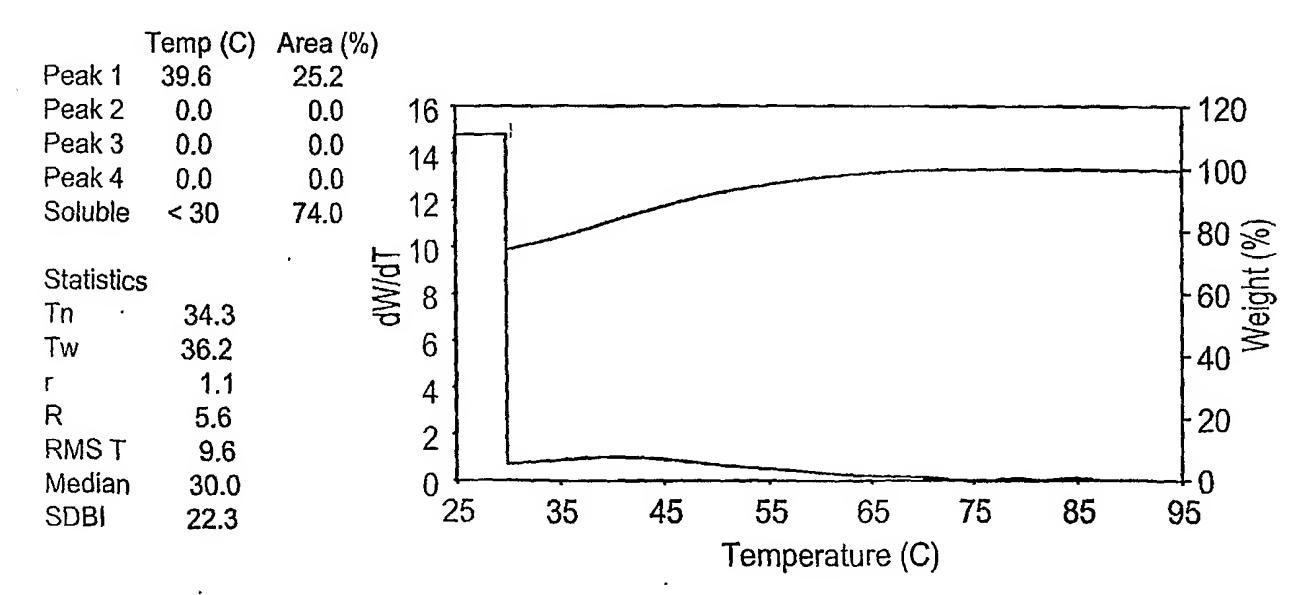
SUBSTITUTE SHEET (RULE 26)

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FIG. 13
DSC Example 11



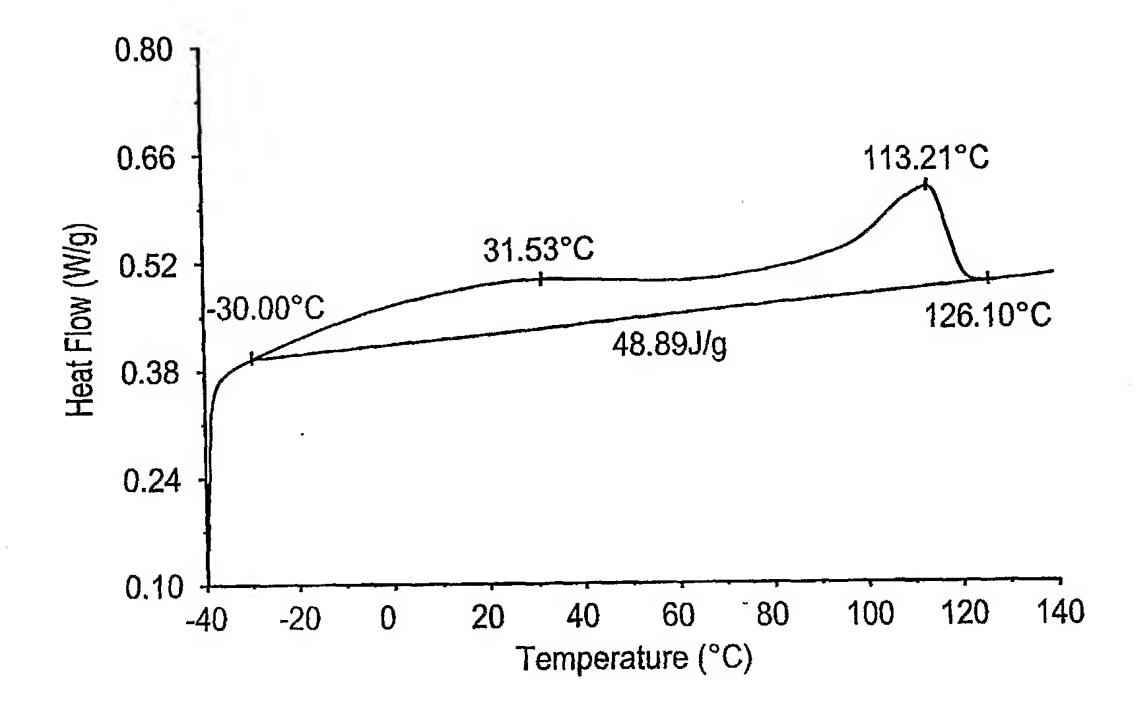
CRYSTAF Report
LIMS #: 73542.0
Reference: 04C25R02
Crystaf ID: 698-04



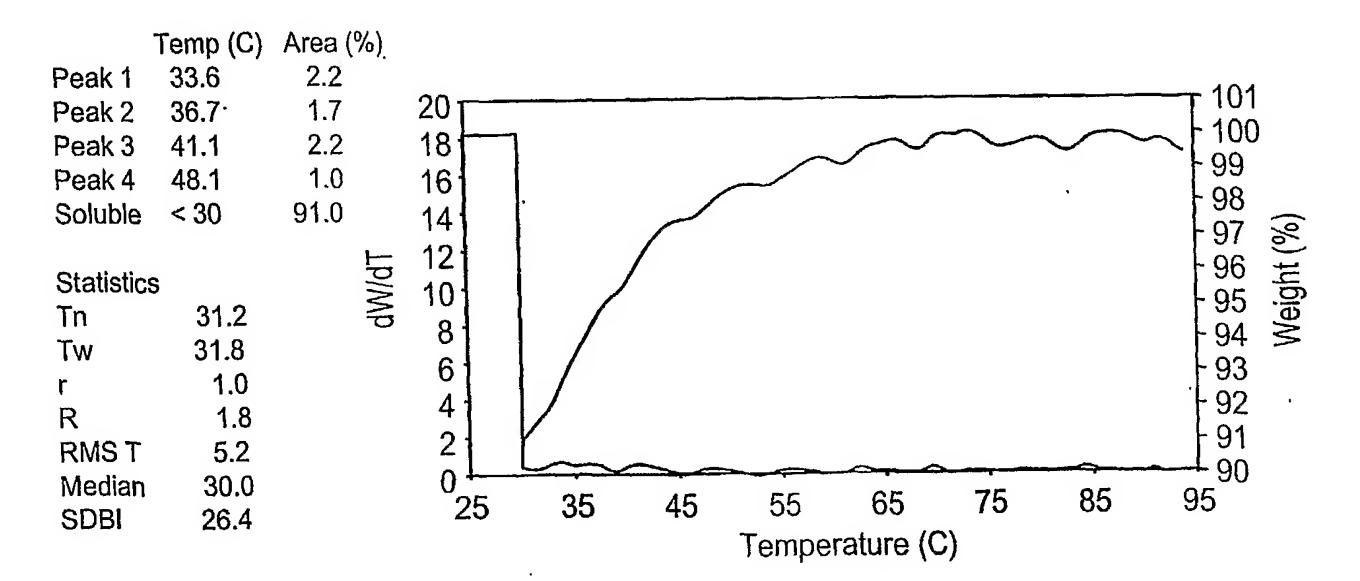
SUBSTITUTE SHEET (RULE 26)

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FIG. 14
DSC Example 12



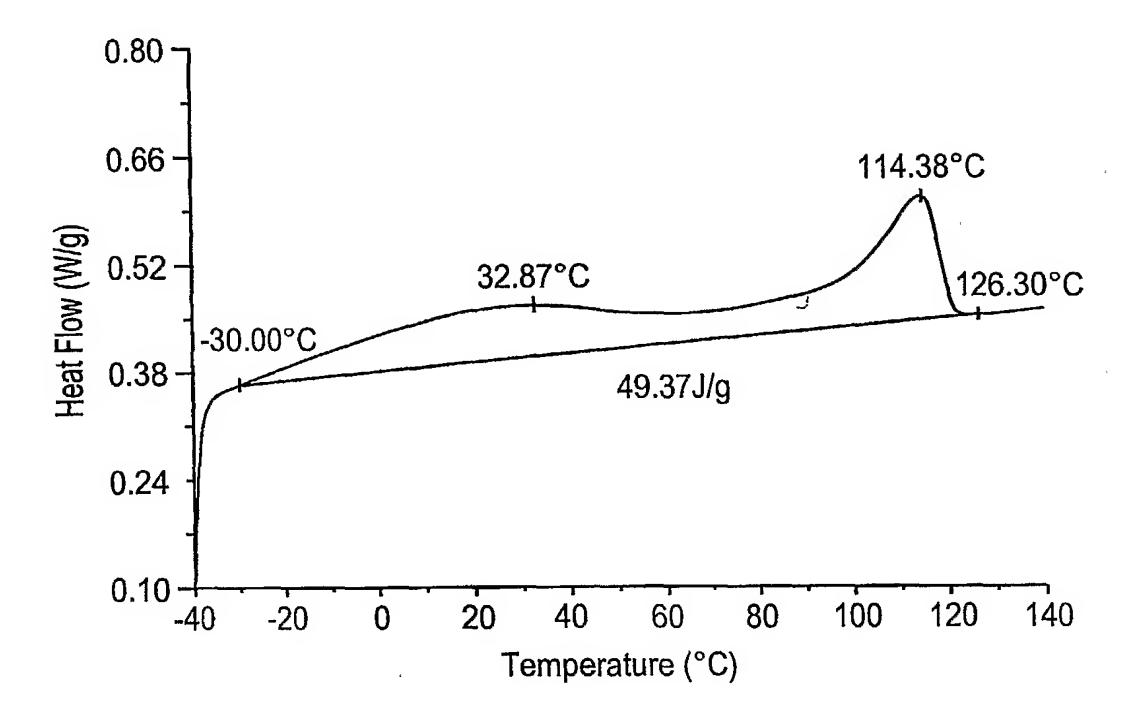
CRYSTAF Report
LIMS #: 73543.0
Reference: 04C25R03
Crystaf ID: 699-04



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FIG. 15
DSC Example 13

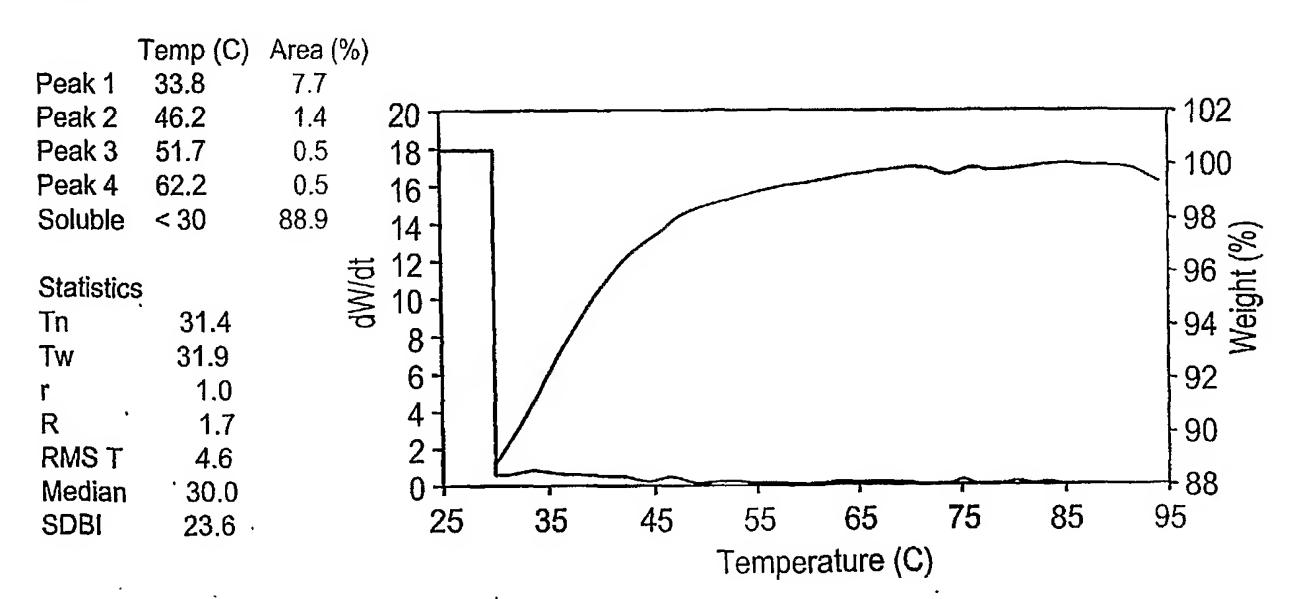


CRYSTAF Report

LIMS #: 73698.0

Reference: 04C25R04 20040216

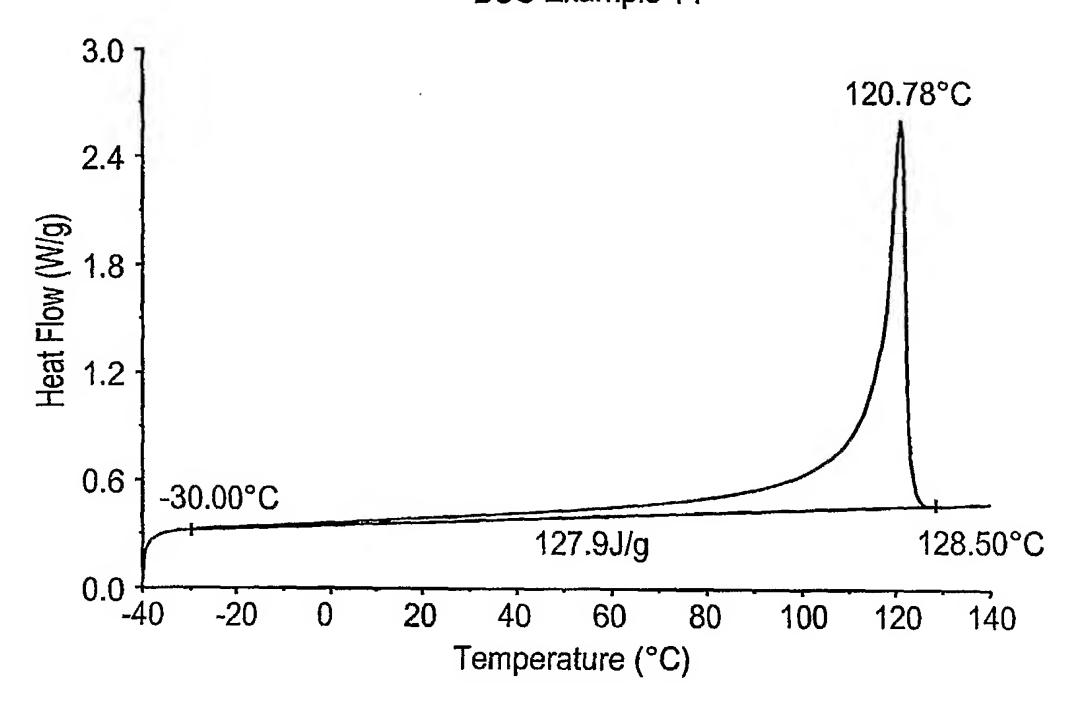
Crystaf ID: 718-04



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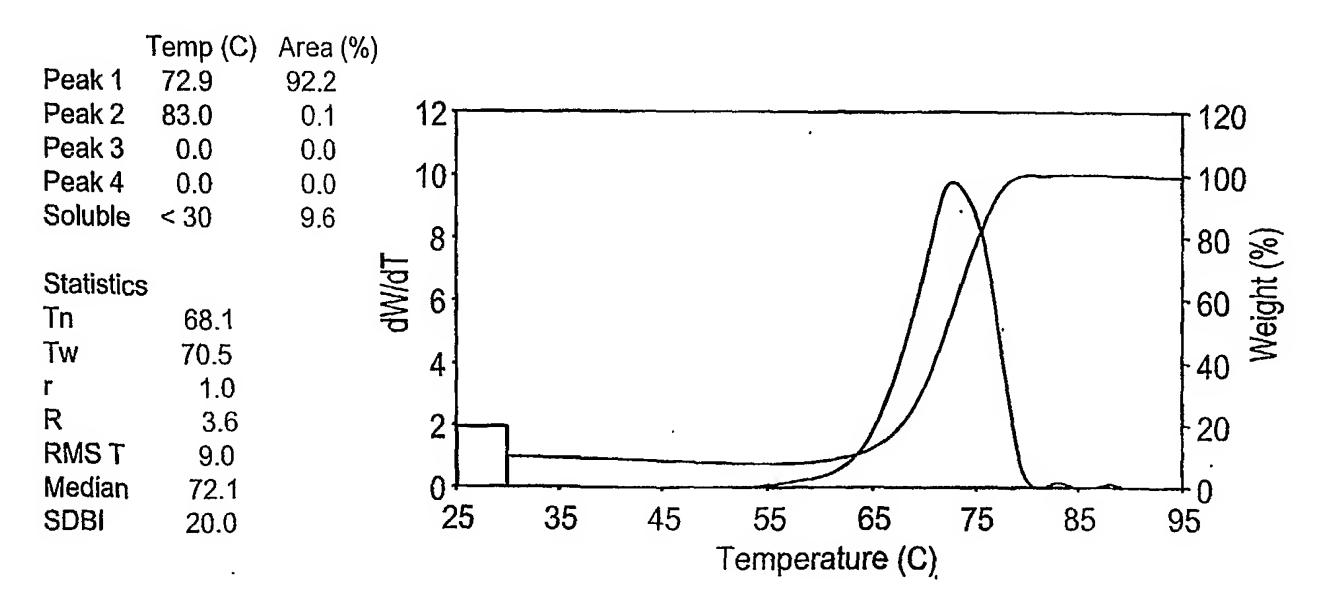
FIG. 16
DSC Example 14



CRYSTAF Report LIMS #: 73699.0

Reference: 04C25R05 20040216

Crystaf ID: 715-04

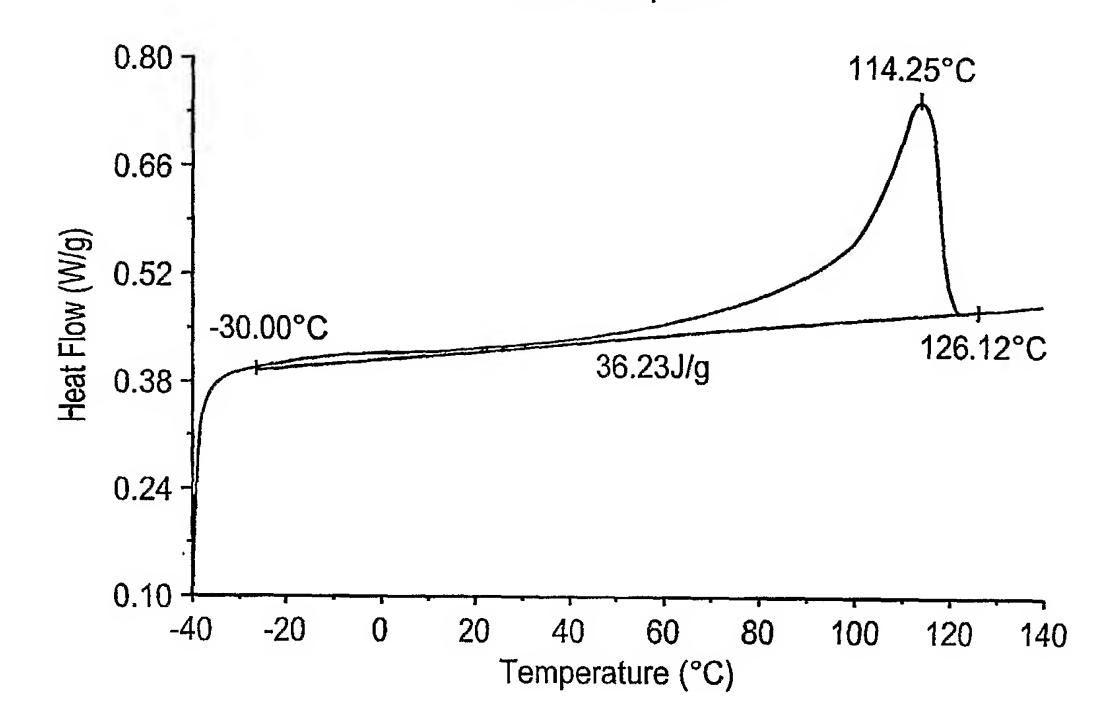


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FIG. 17

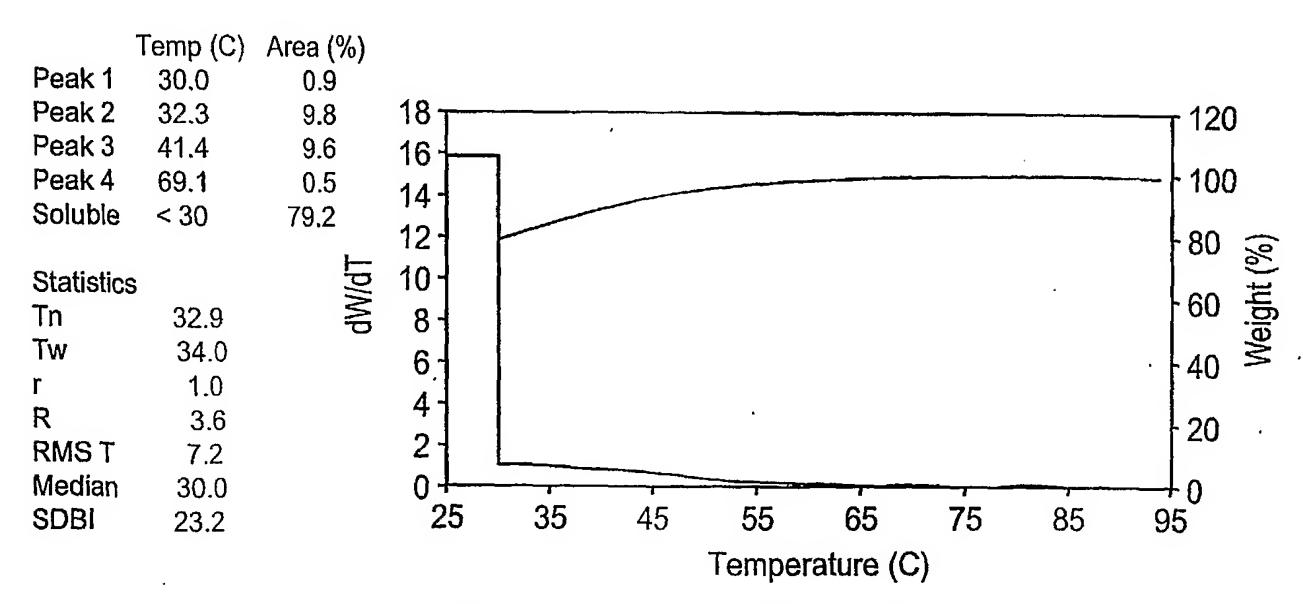
DSC Example 15



CRYSTAF Report LIMS #: 74111.0

Reference: 104C25R06 20040216

Crystaf ID: 719-04

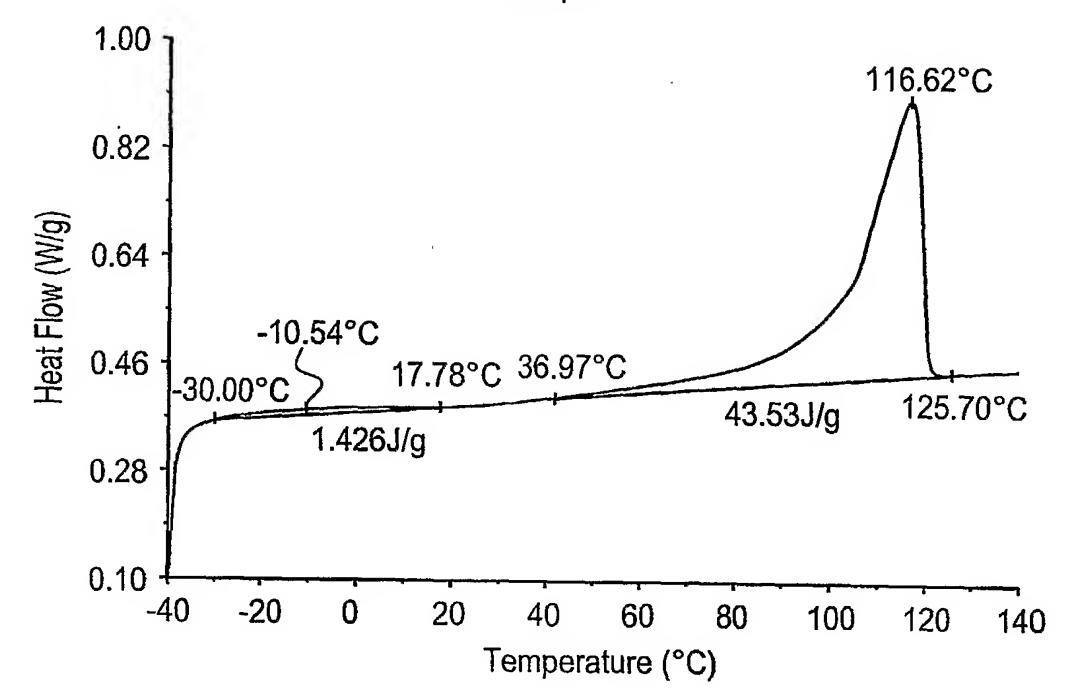


SUBSTITUTE SHEET (RULE 26)

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FIG. 18

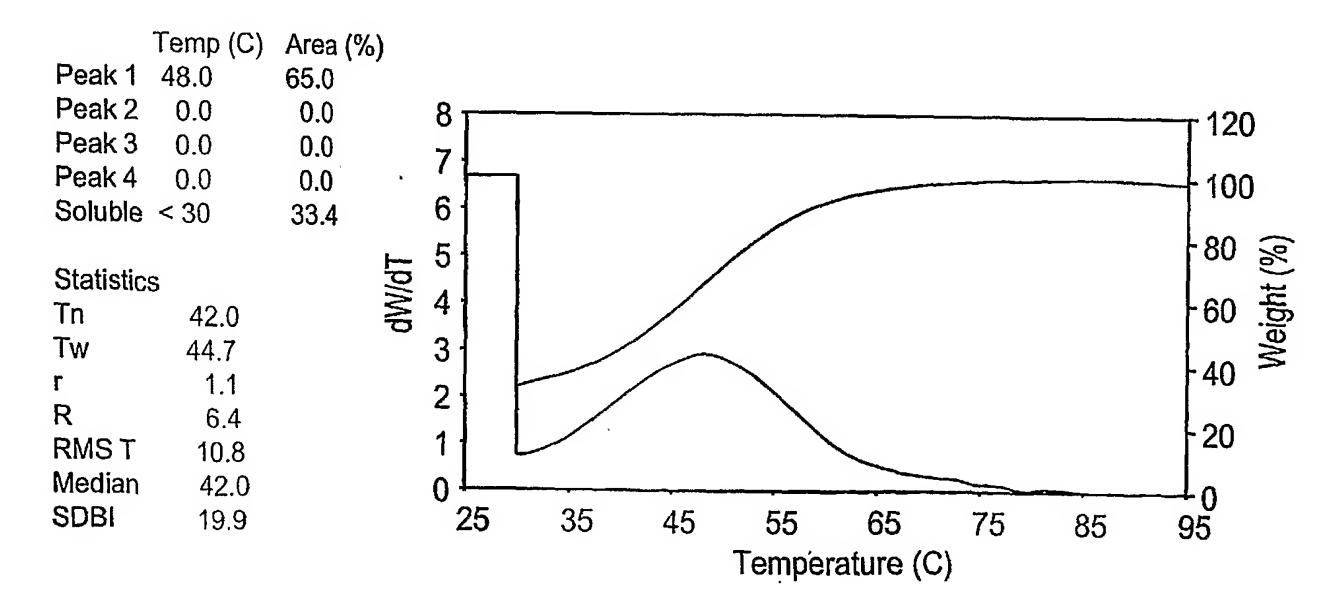




CRYSTAF Report LIMS #: 74112.0

Reference: 200402166-39 04C25

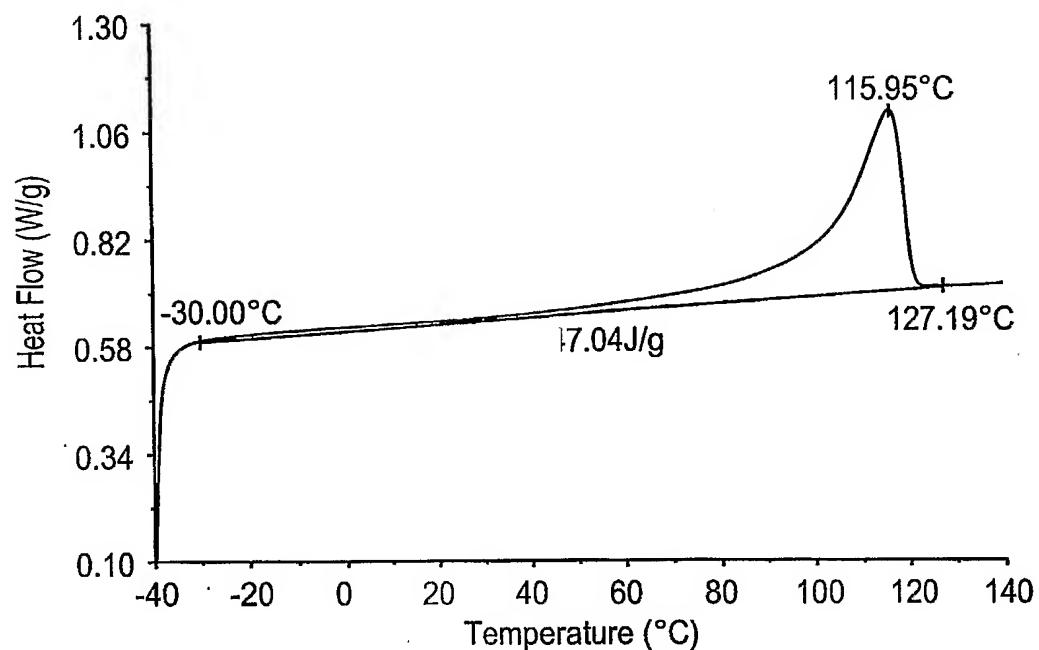
Crystaf ID: 725-04



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FIG. 19
DSC Example 17

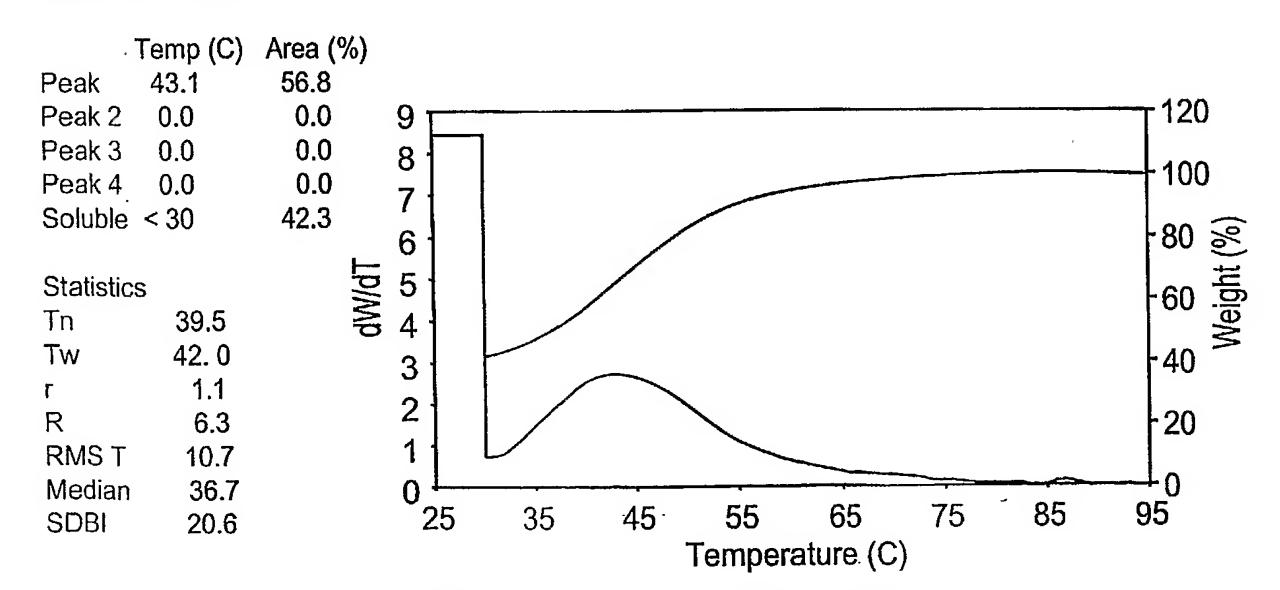


CRYSTAF Report

LIMS #: 74115.0

Reference: 200402166-39 04C25

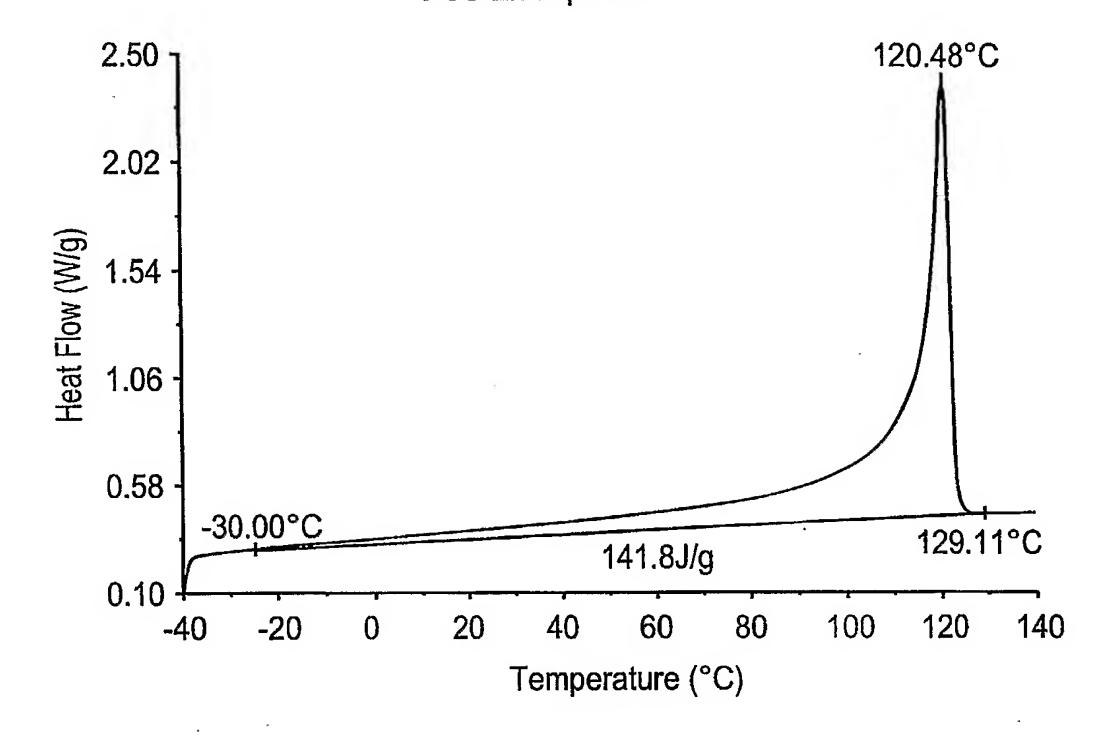
Crystaf ID: 726-04



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FIG. 20
DSC Example 18

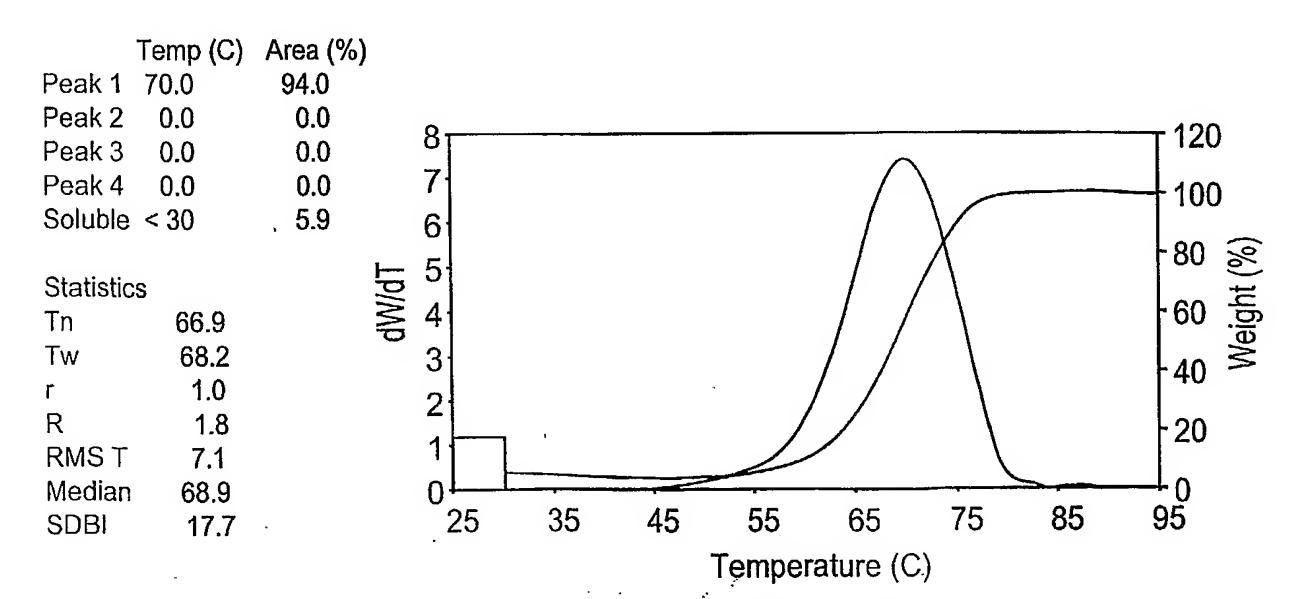


CRYSTAF Report

LIMS #: **74113.0**

Reference: 04C25R08 20040216

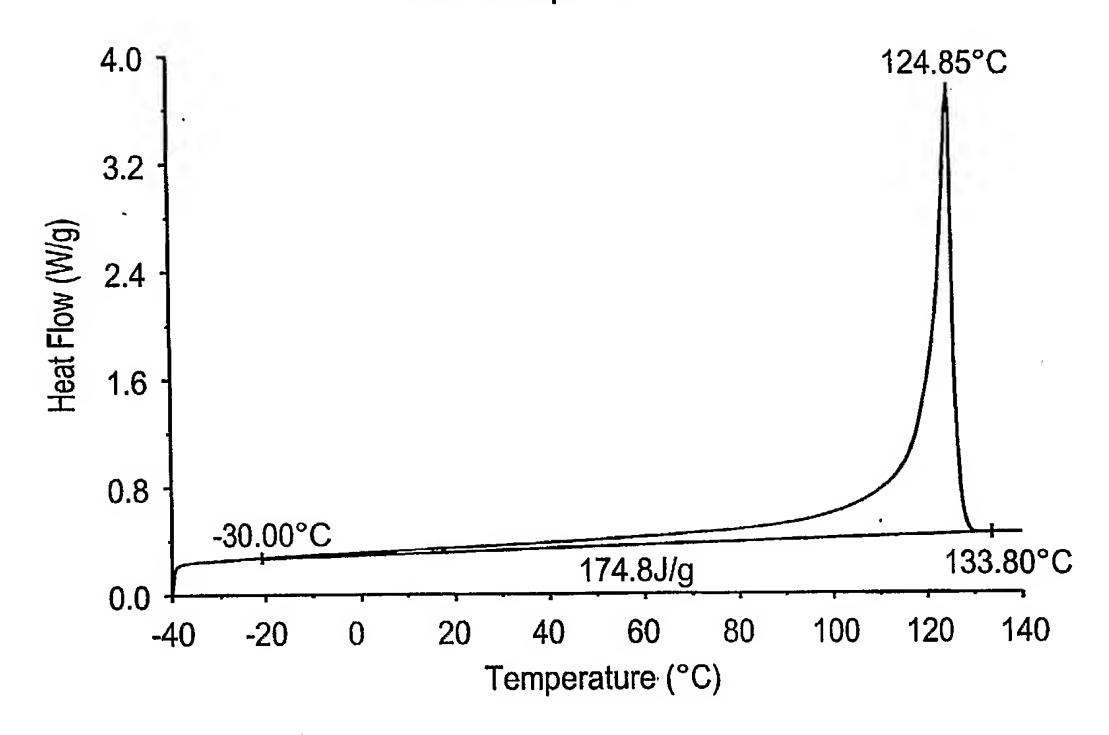
Crystaf ID: 716-04



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FIG. 21
DSC Example 19

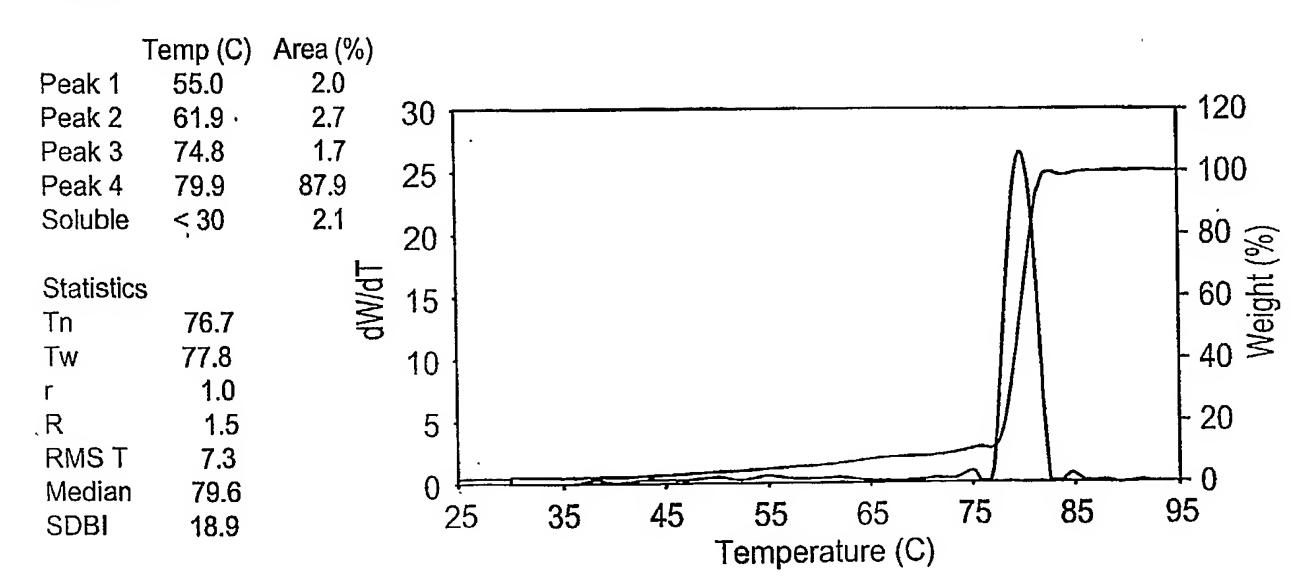


CRYSTAF Report

LIMS #: 74114.0

Reference: 04C25R09 20040216

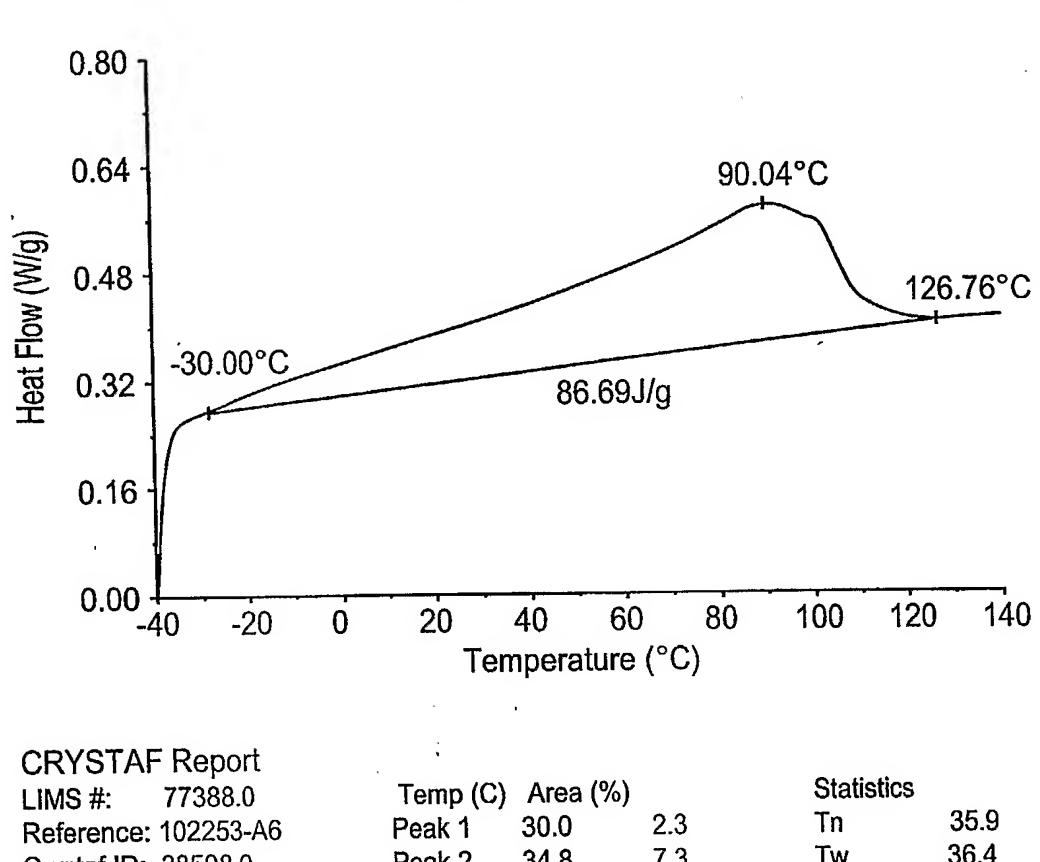
Crystaf ID: 717-04



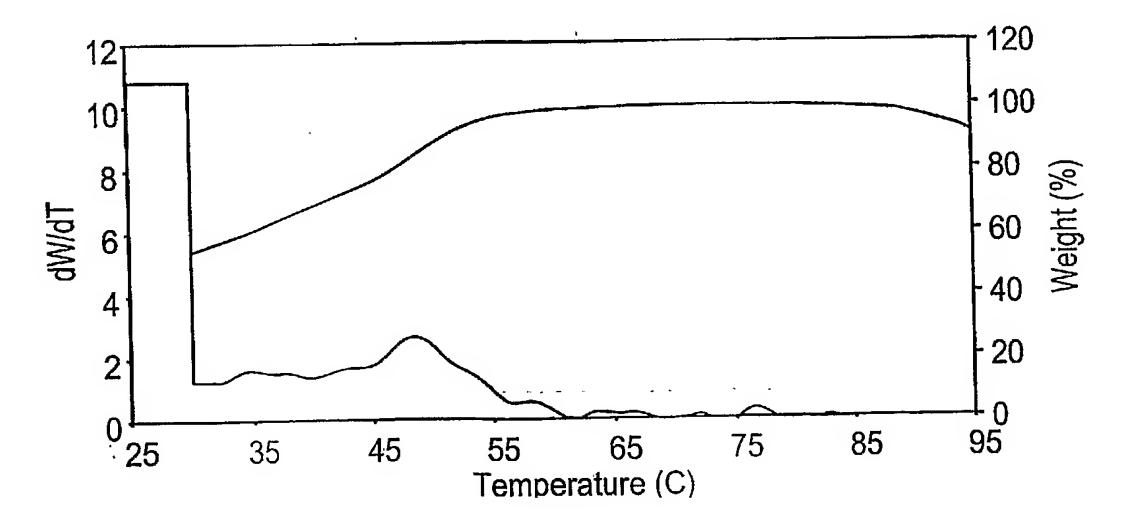
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FIG. 22
DSC Comparative A*



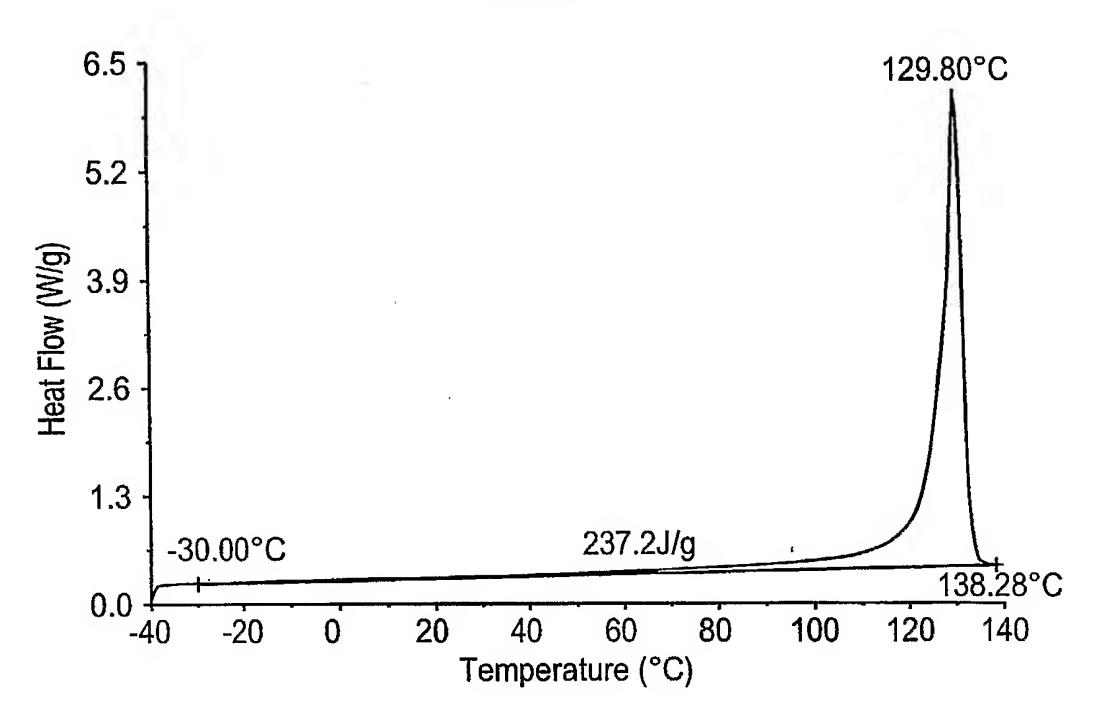
CRYSTAF Report	•				
LIMS #: 77388.0	Temp (C) Area (%)	Statistics	
Reference: 102253-A6	Peak 1	30.0	2.3	Tn	35.9
Crystaf ID: 38508.0	Peak 2	34.8	7.3	Tw	36.4
Crystal ID. 00000.0	Peak 3	37.5	4.2	r	1.0
	Peak 4	48.5	29.4	R	1.4
	Soluble	< 30	54.1	RMS T	6.4
	Colubio			Median	30.0
				SDBI	36.9



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FIG. 23
DSC Comparative B*

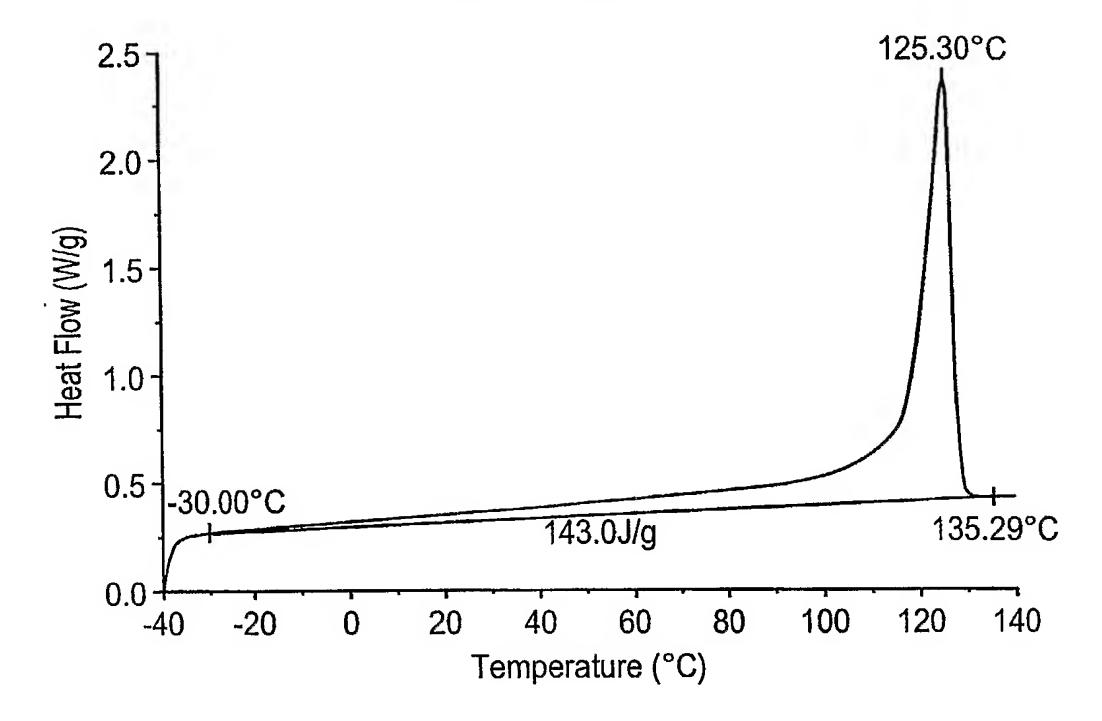


LIMS #: Referen	AF Report 77389.0 ce: 102286- ID: 38538.0	41	Temp (Peak 1 Peak 2 Peak 3 Peak 4 Soluble	77.6 82.4 0.0 0.0	8.7 83.7 0.0		Statistic Tn Tw r R RMS T Median SDBI	77.5 79.4 1.0 2.5 9.0
25 20 15 10 5								120 100 80 60 40 20 0
	25 35	j	45 t	55 empera	65 ature (C)	75	85	95

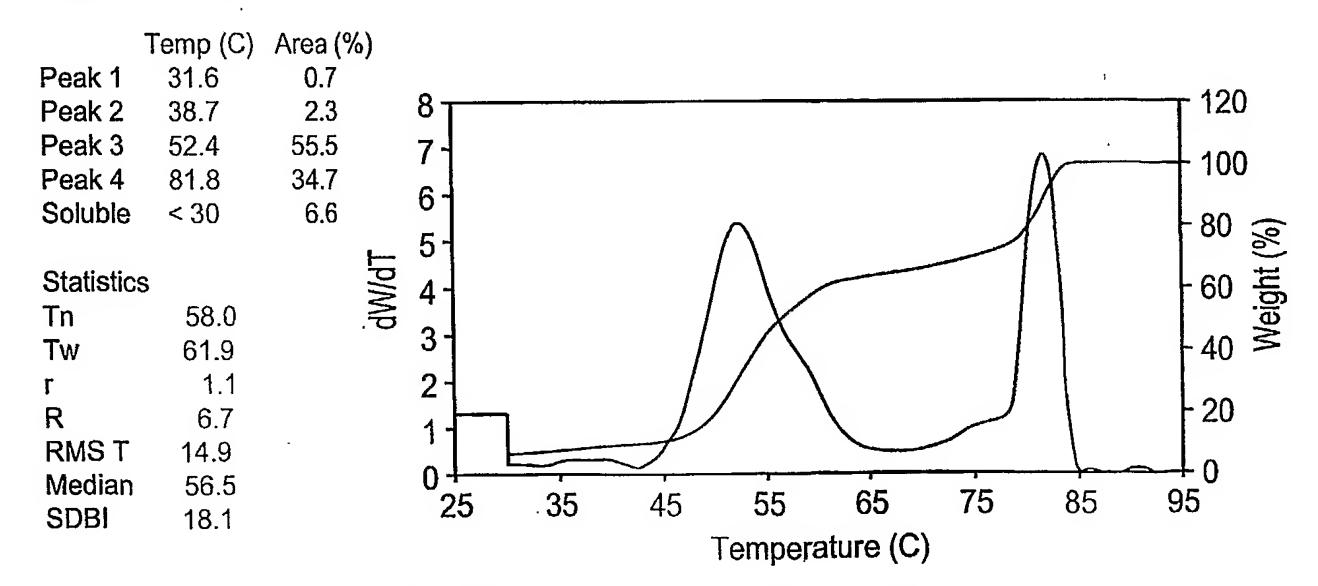
SUBSTITUTE SHEET (RULE 26)

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FIG. 24
DSC Comparative C*



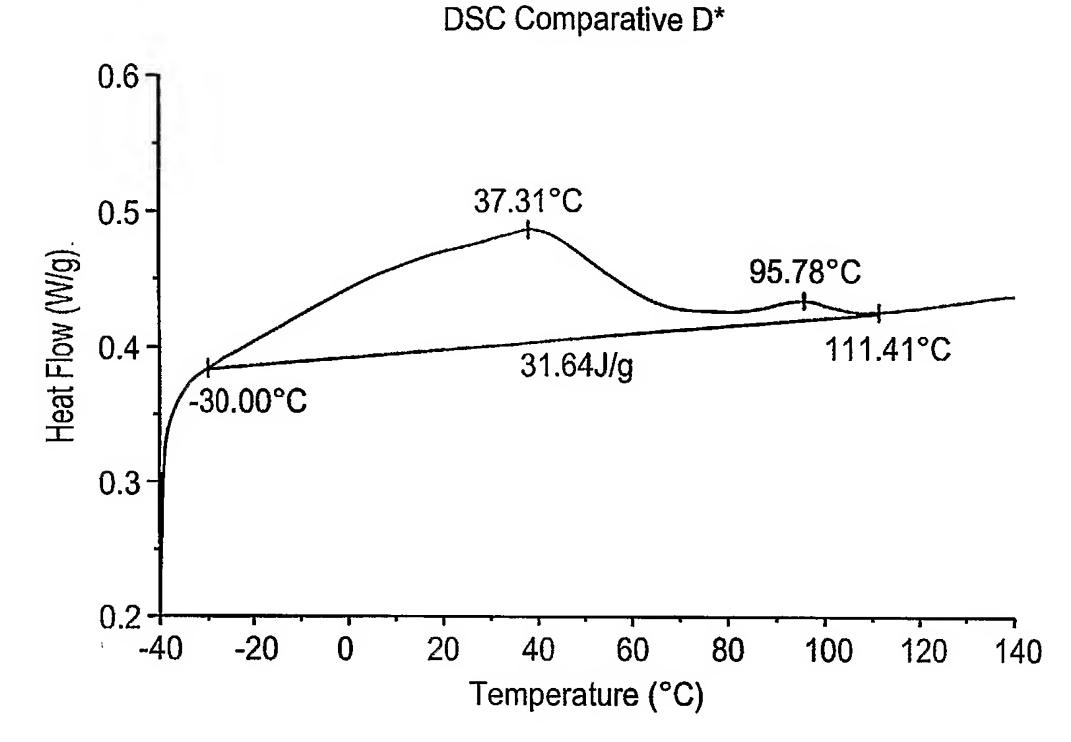
CRYSTAF Report LIMS #: 77390.0 Reference: 102285-E1 Crystaf ID: 38569.0



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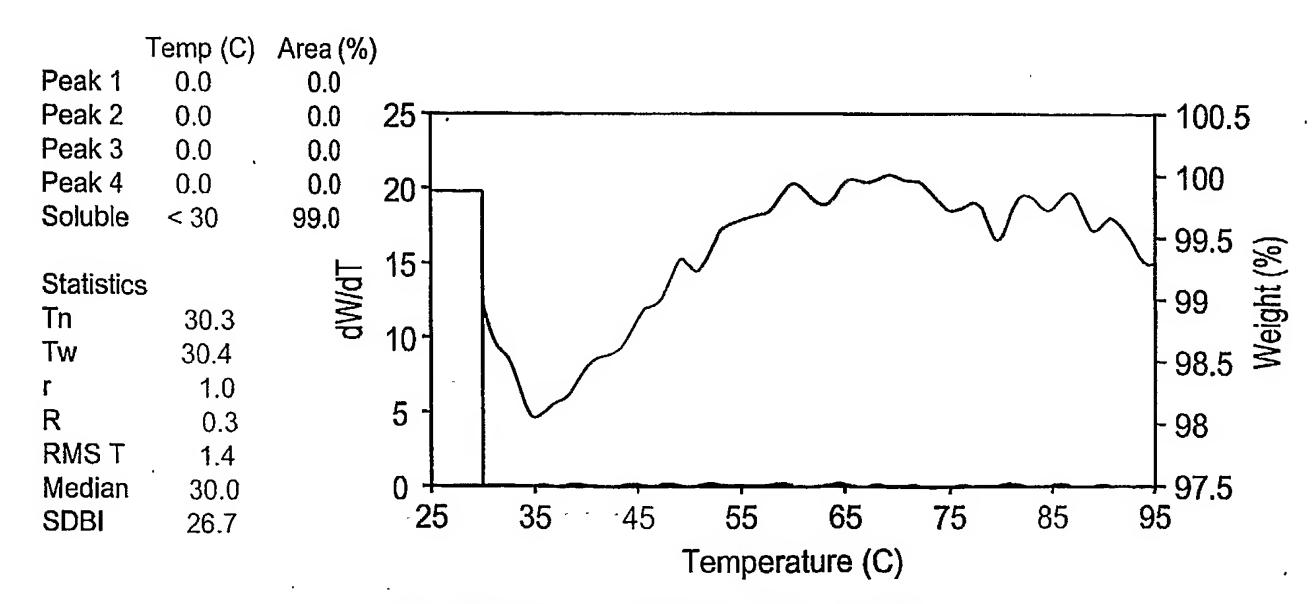
FIG. 25



CRYSTAF Report LIMS #: 69534.0

Reference: 200402166-28-2

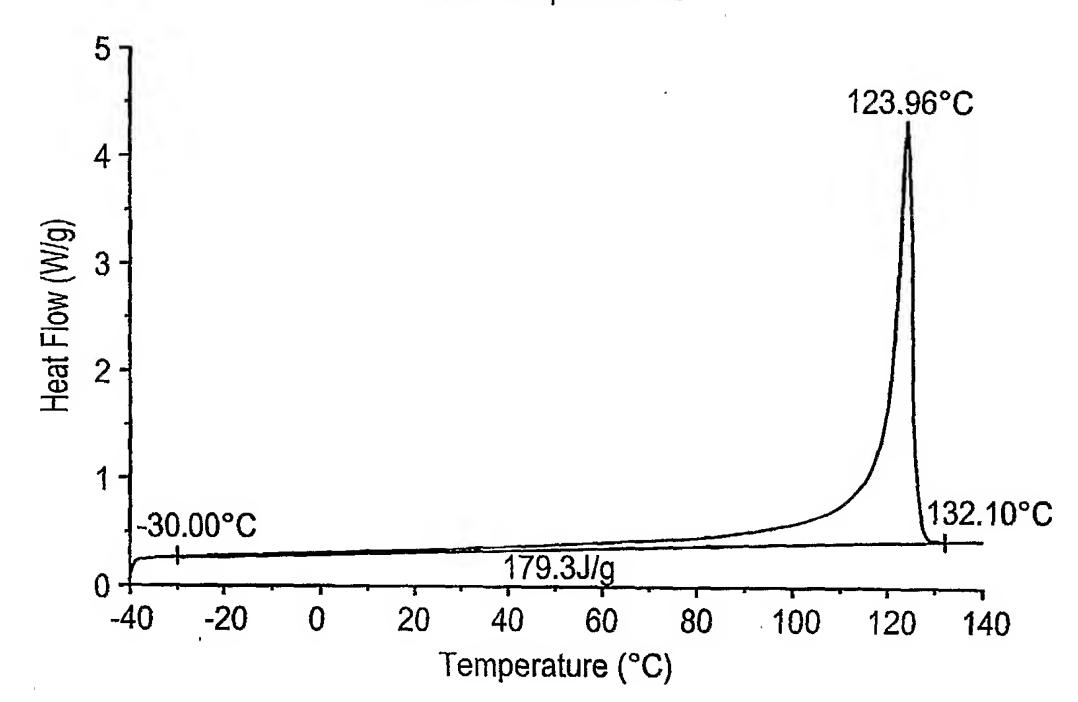
Crystaf ID: 578-04



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FIG. 26
DSC Comparative E*

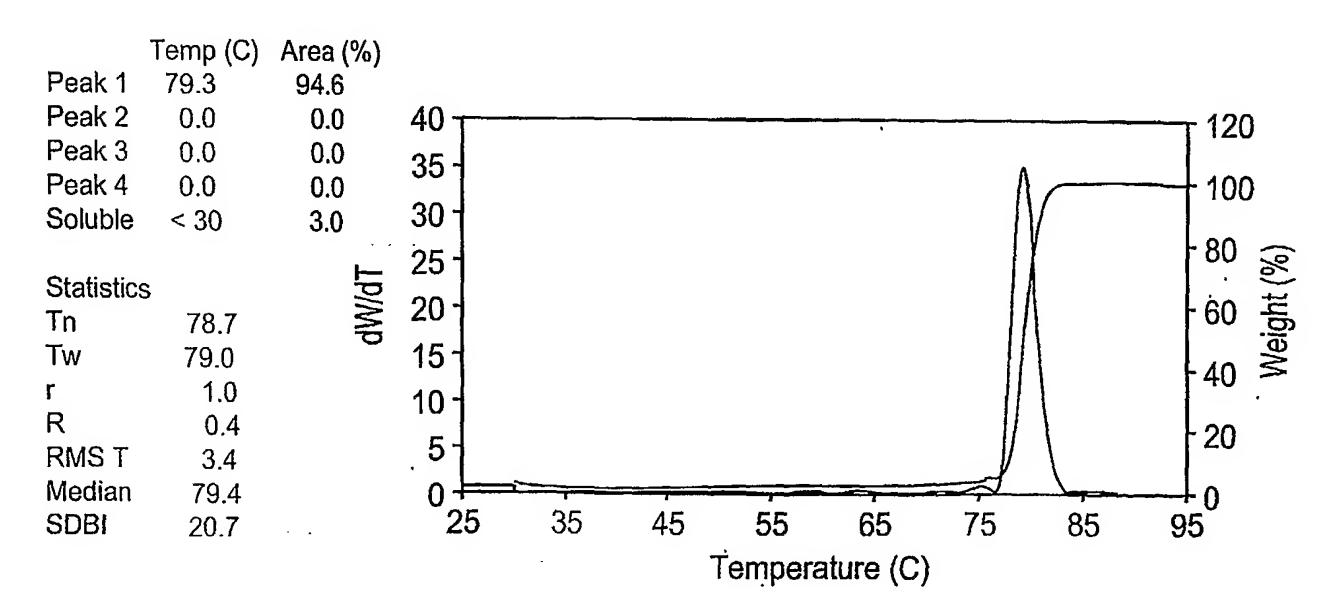


CRYSTAF Report

LIMS #: 69535.0

Reference: 200402166-28-3

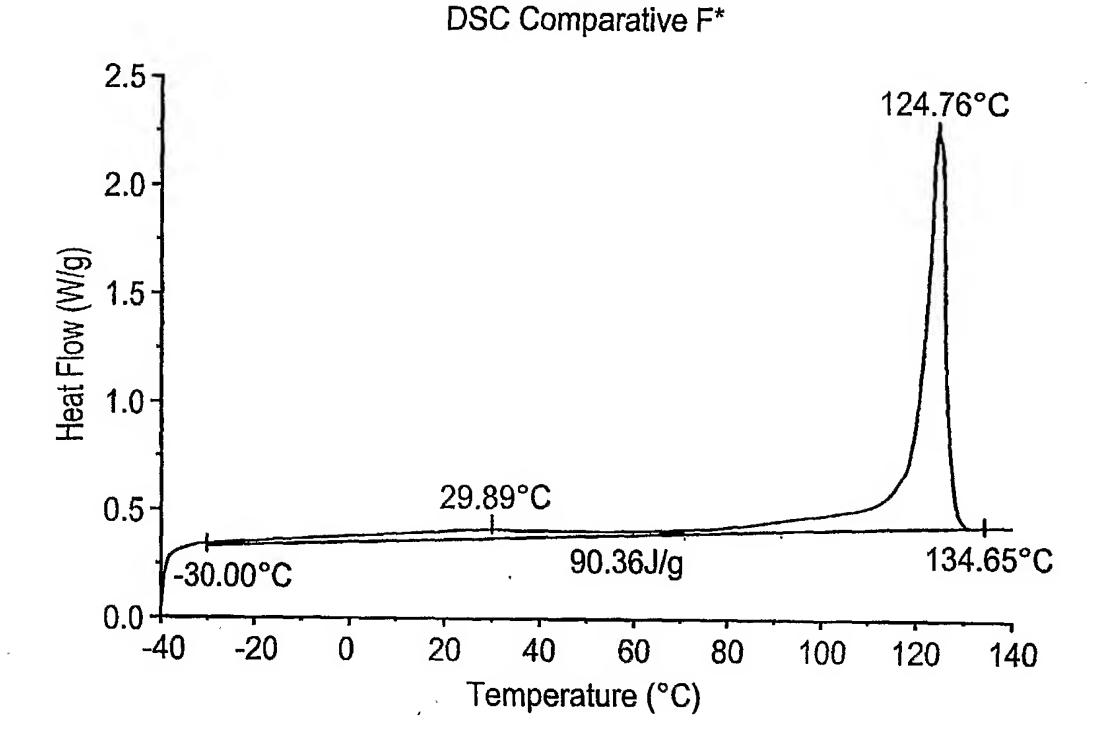
Crystaf ID: 577-04



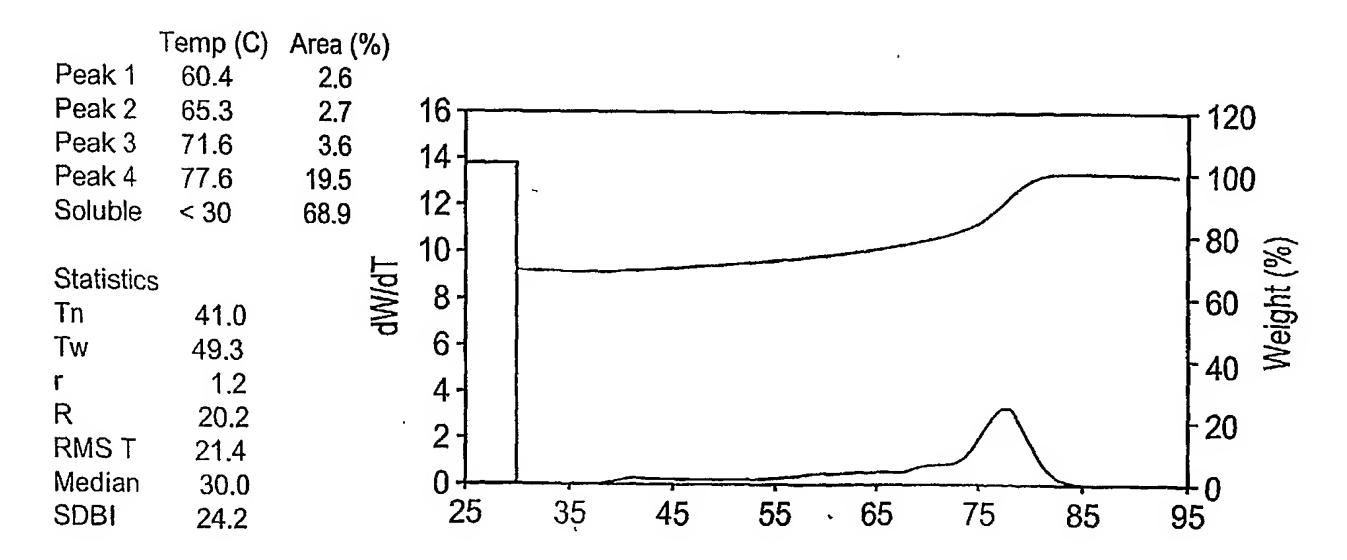
SUBSTITUTE SHEET (RULE 26)

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FIG. 27

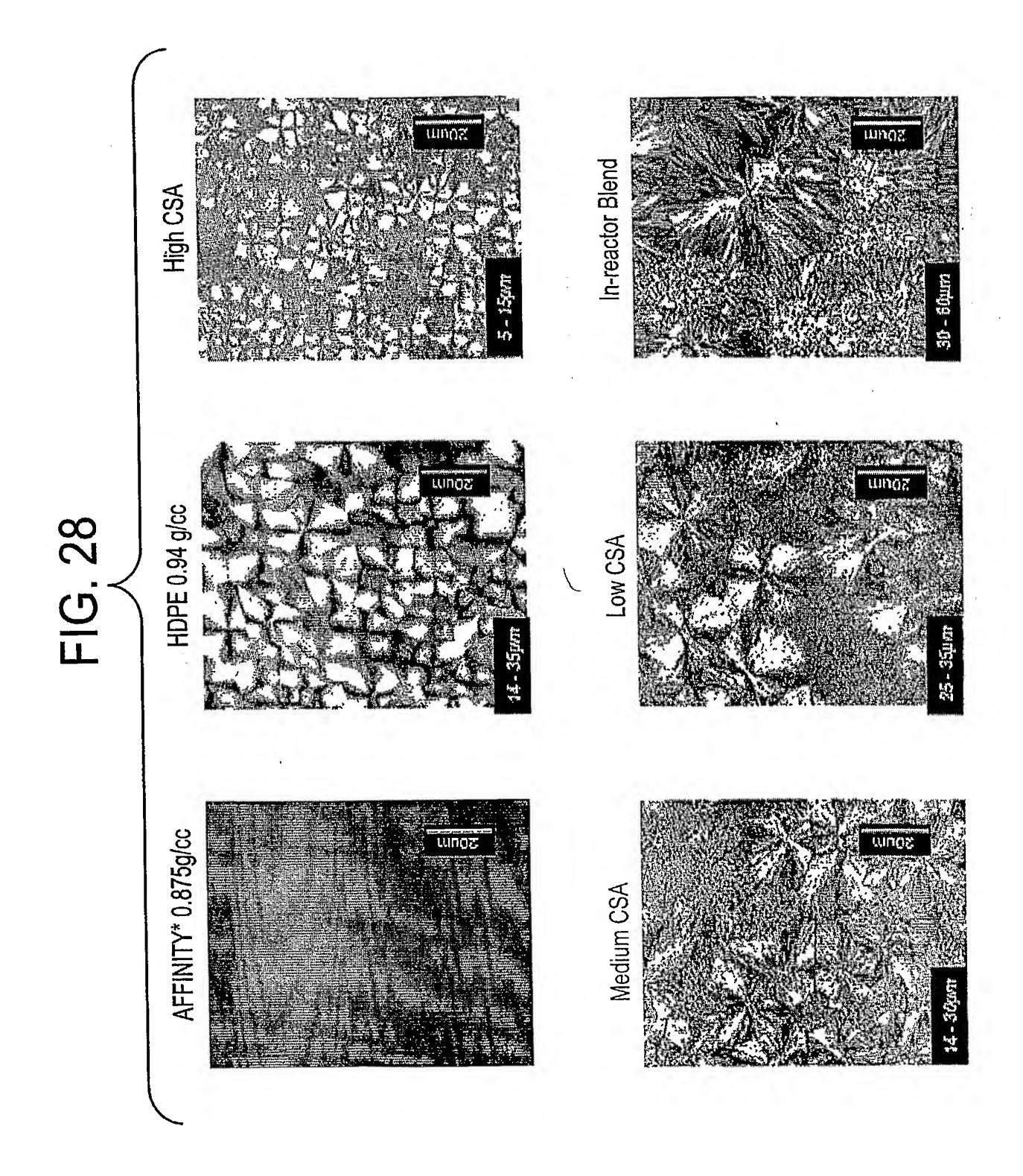


CRYSTAF Report LIMS #: 70870.0 Reference: 04C22R14 Crystaf ID: 675-04



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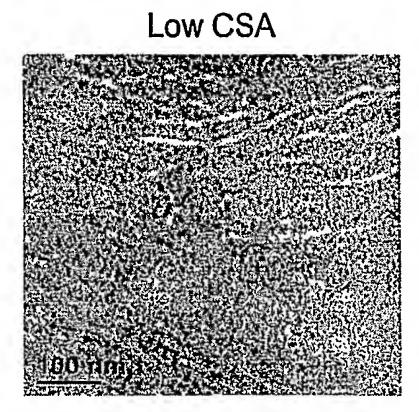


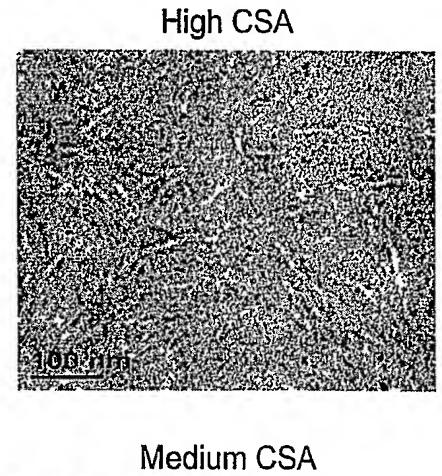
SUBSTITUTE SHEET (RULE 26)

FIG. 29

High Resolution Scanning Microscopy

Random E/O Copolymer





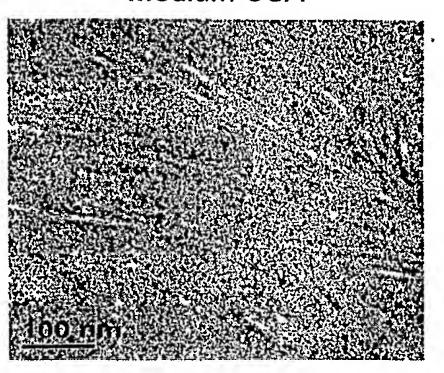


FIG. 30 300% Strain Cyclic Behavior of Fiber

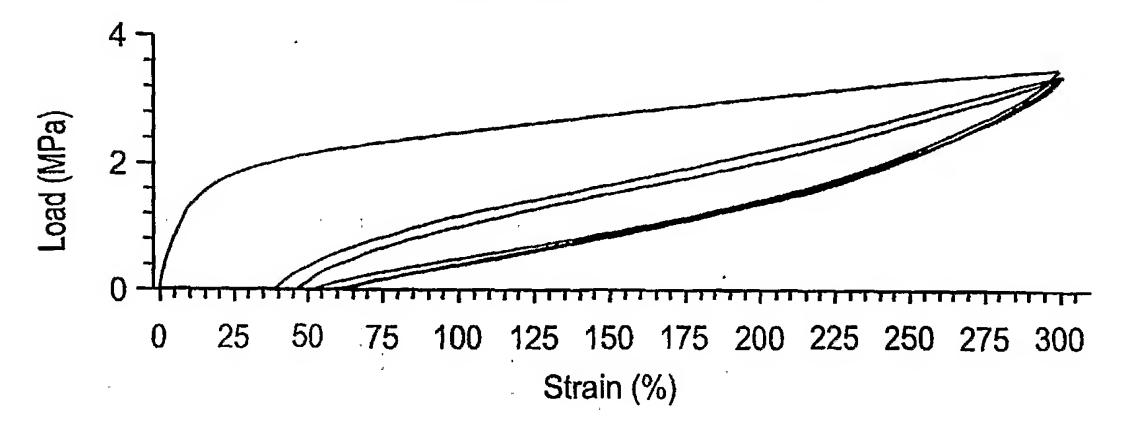
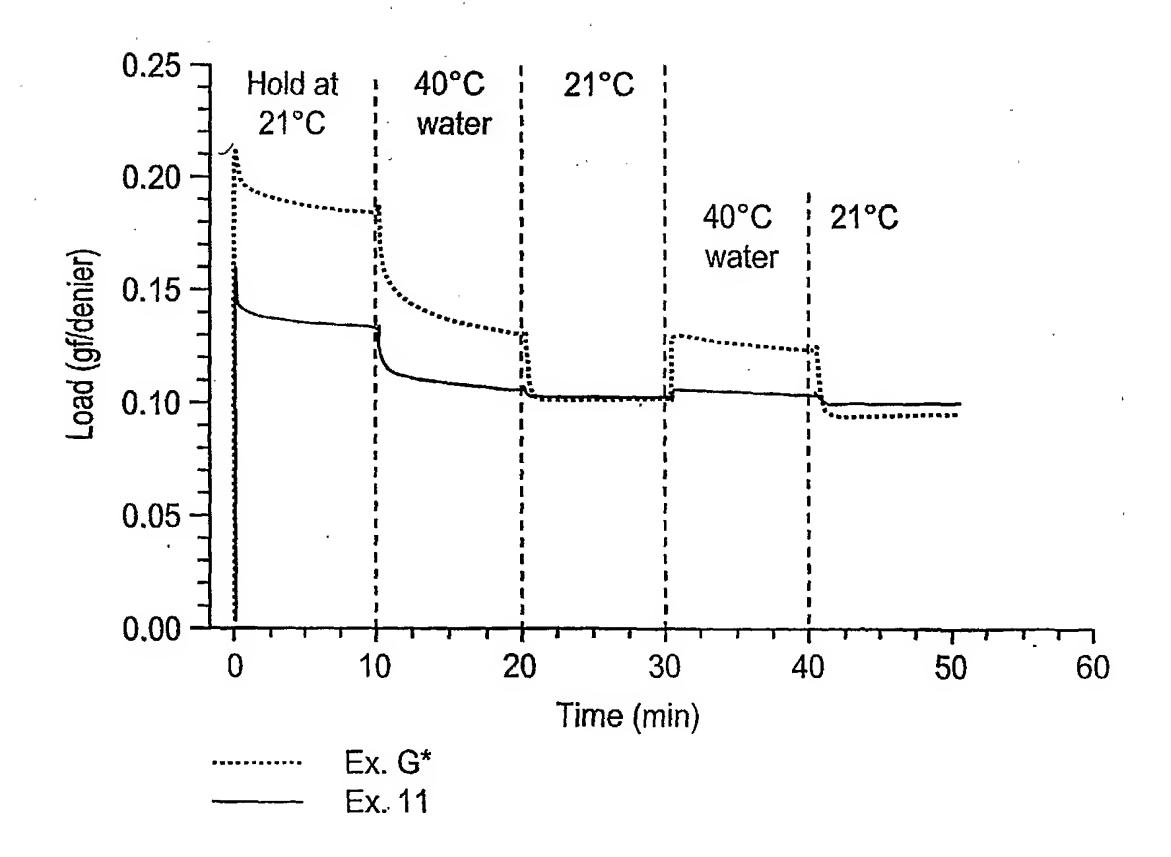


FIG. 31



SUBSTITUTE SHEET (RULE 26)

FIG. 32

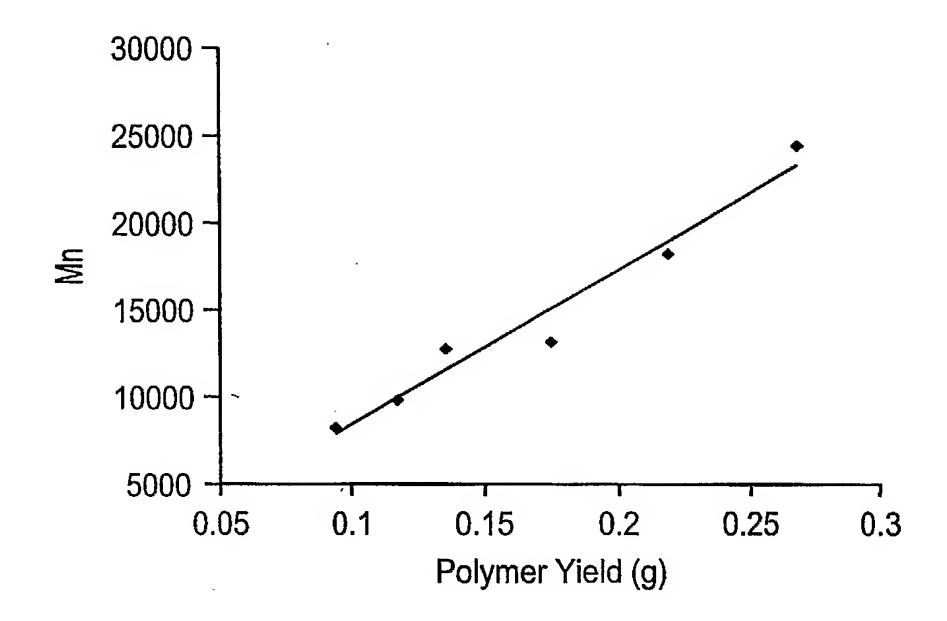
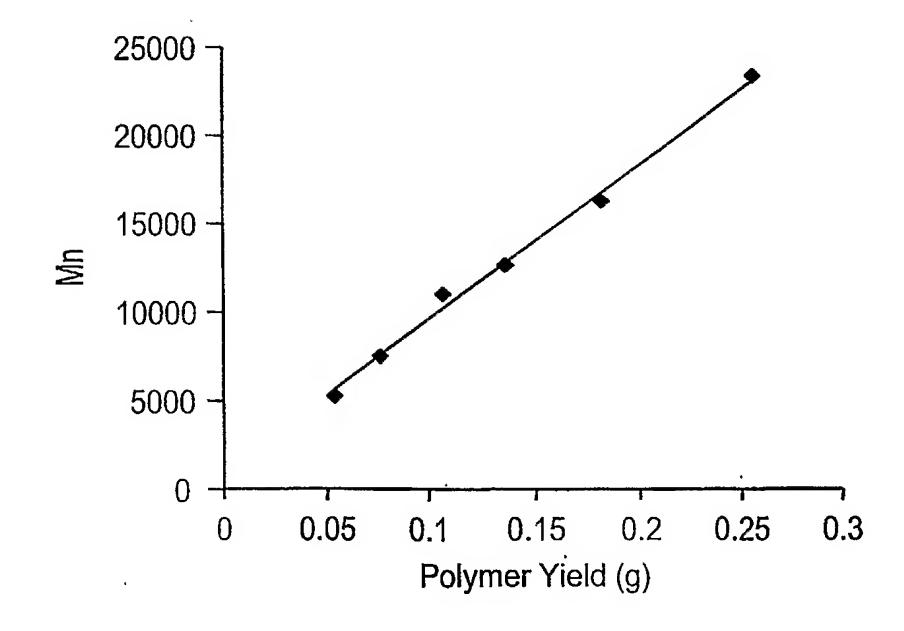


FIG. 33



SUBSTITUTE SHEET (RULE 26)

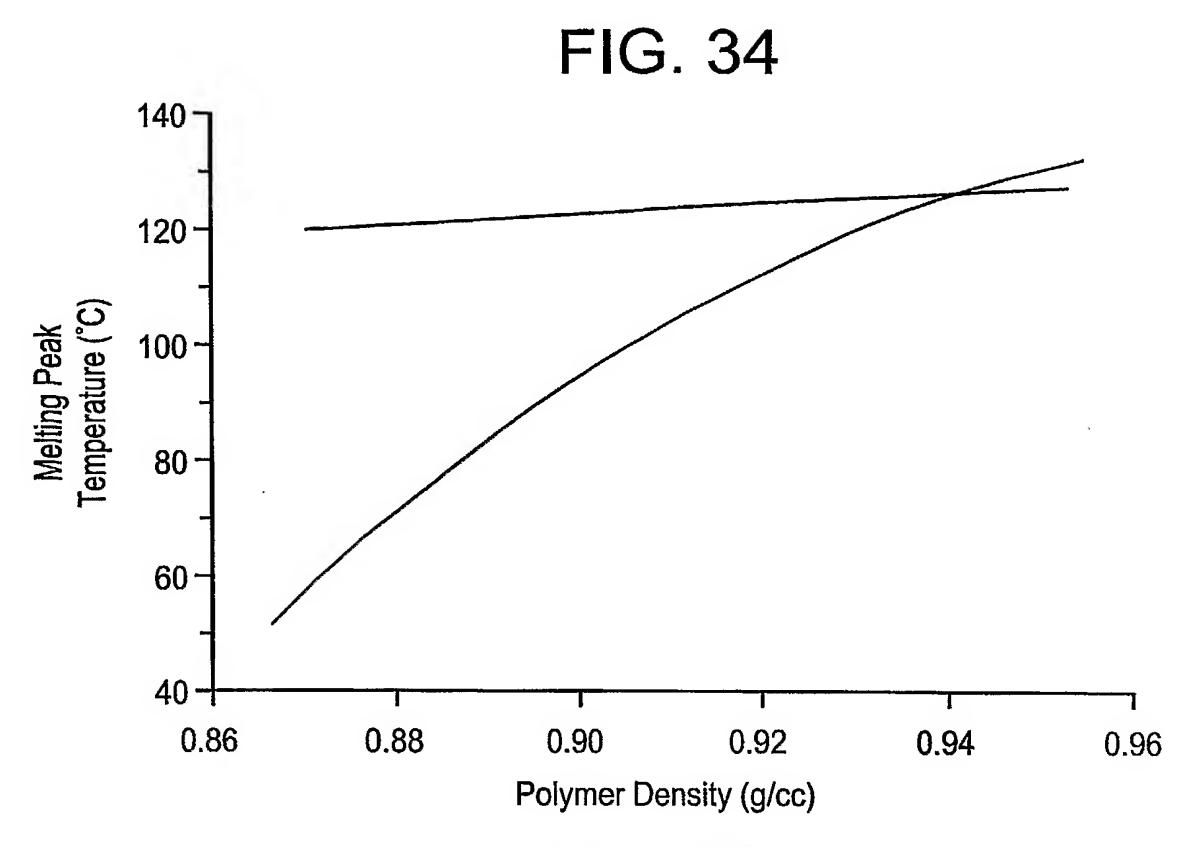
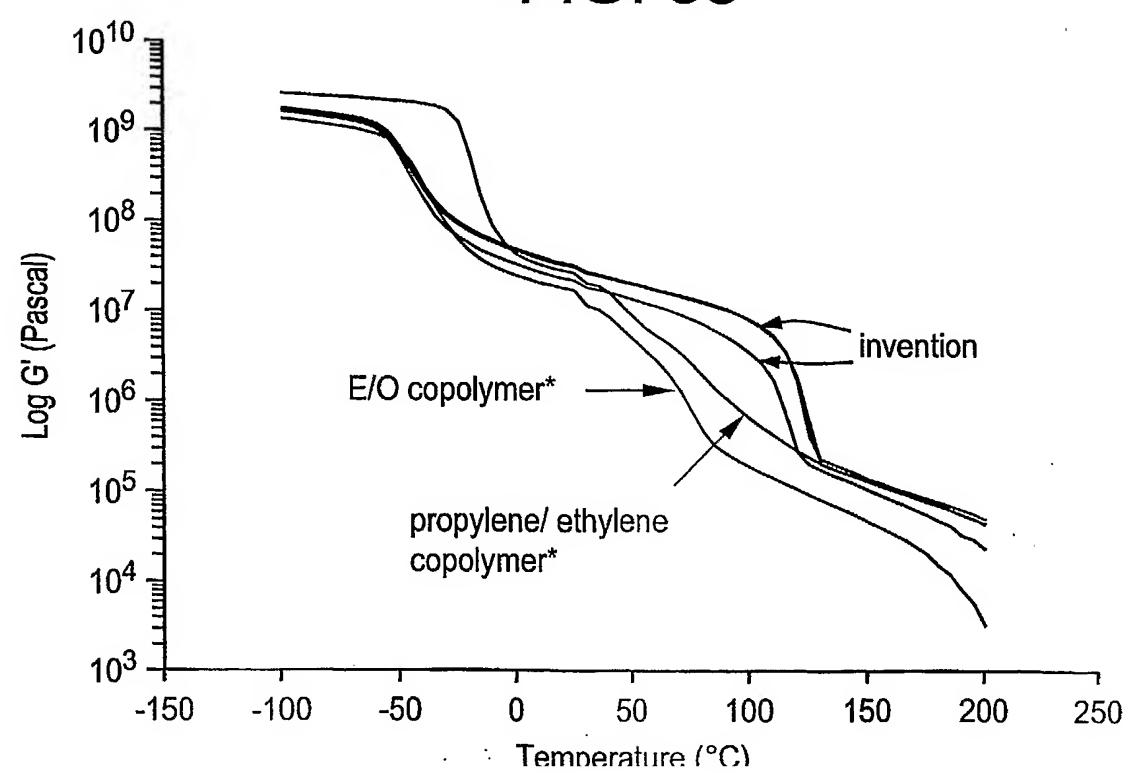


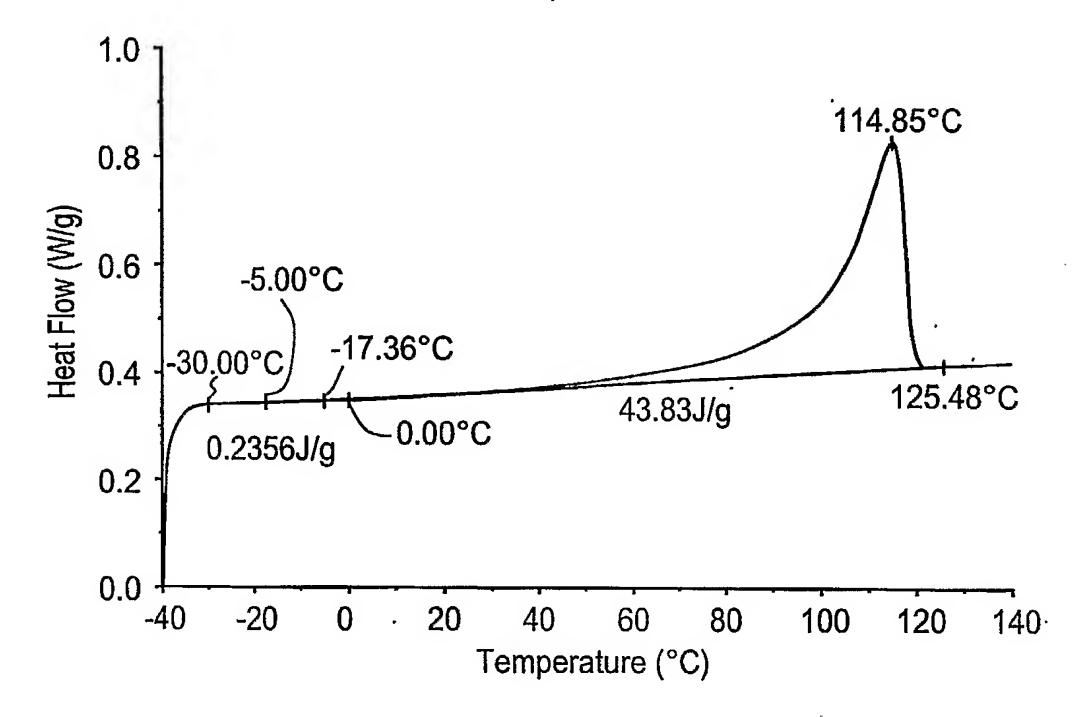
FIG. 35



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FIG. 36
DSC Example 24

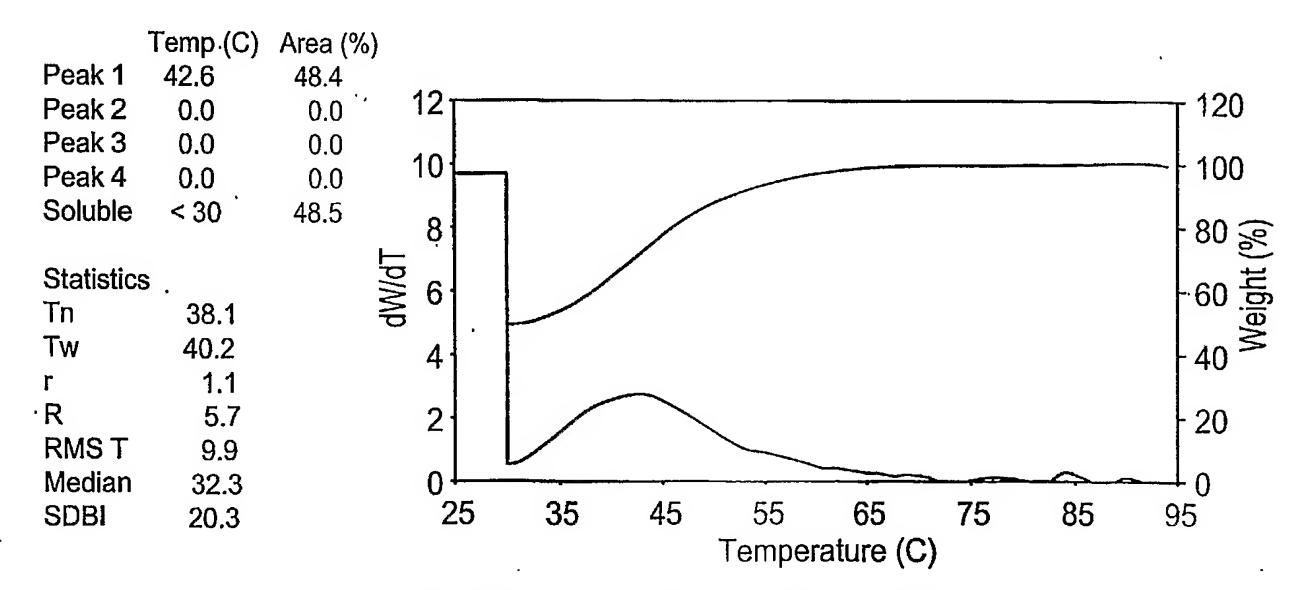


CRYSTAF Report

LIMS #: 80053

Reference: 200402602-46-9

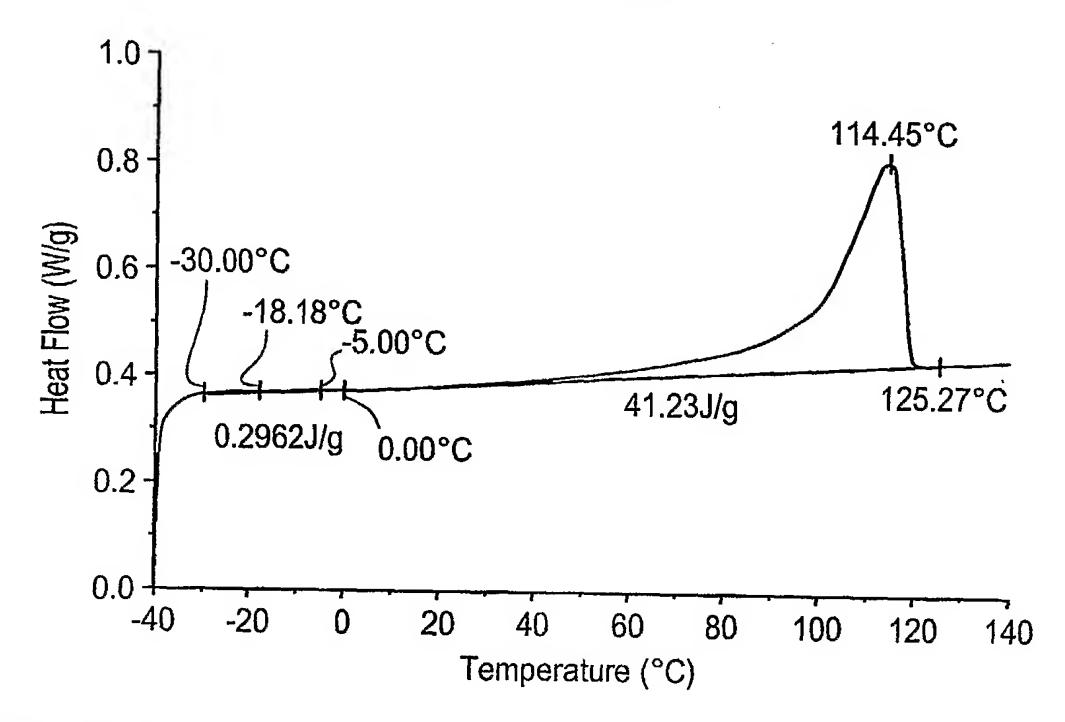
Crystaf ID: 134-05



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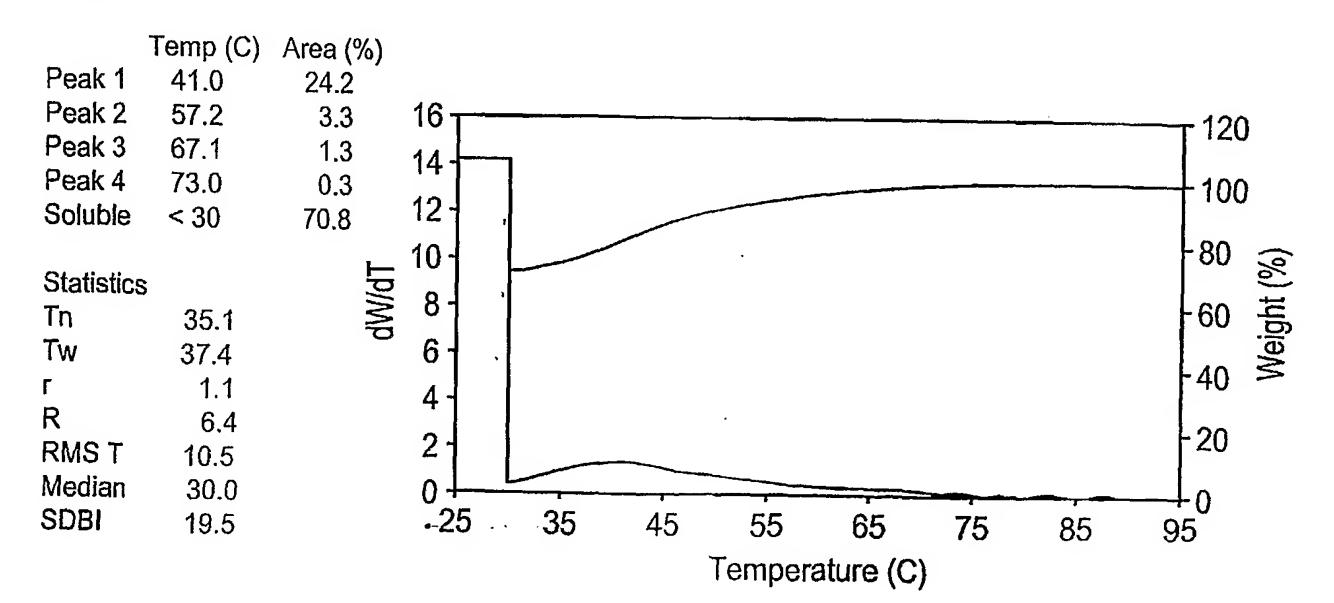
FIG. 37
DSC Example 25



CRYSTAF Report LIMS #: 80148-1

Reference: 200402602-47-1

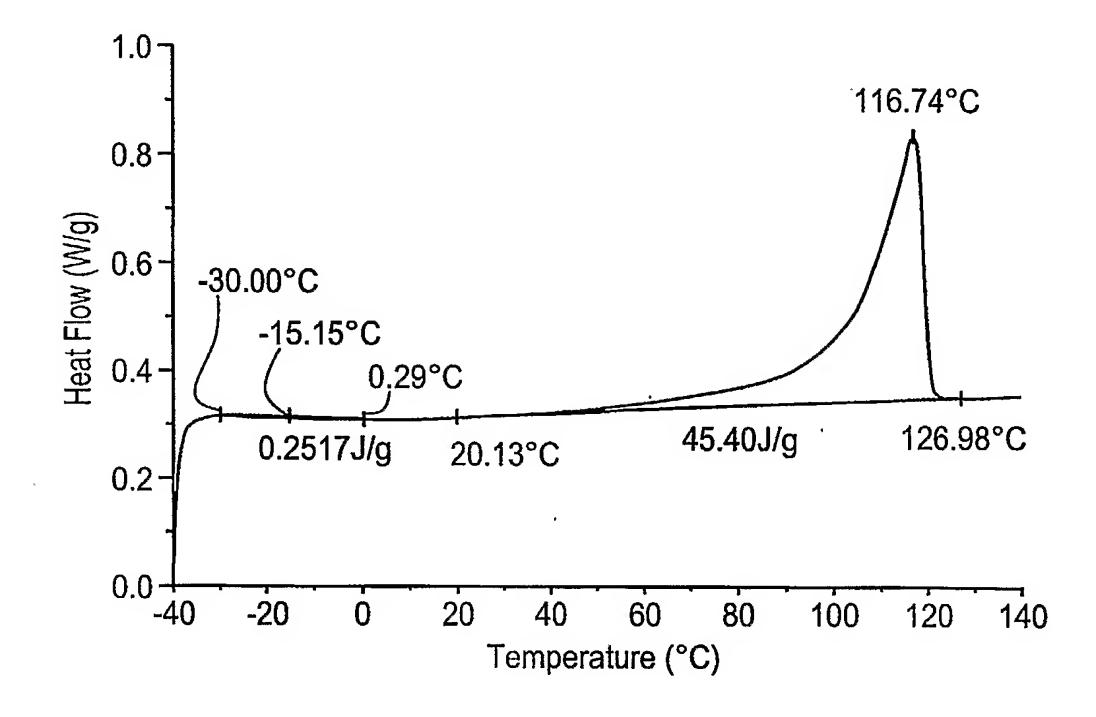
Crystaf ID: 79-05



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DSC Example 26

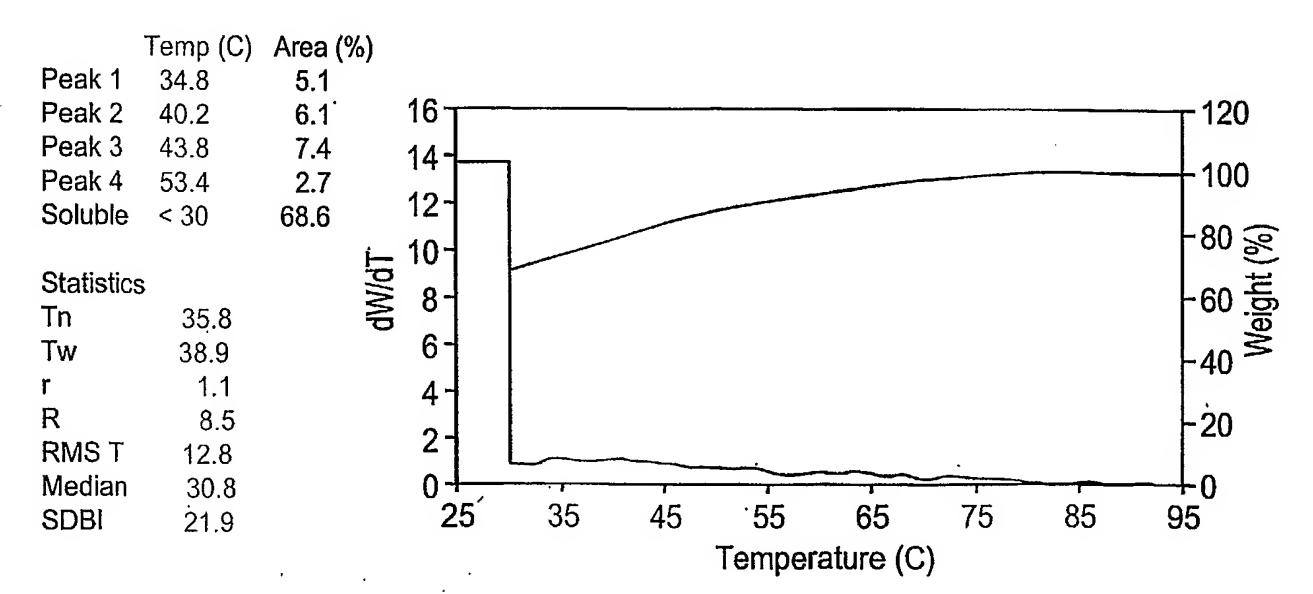


CRYSTAF Report

LIMS #: 80541

Reference: 200402602-47-3

Crystaf ID: 84-05

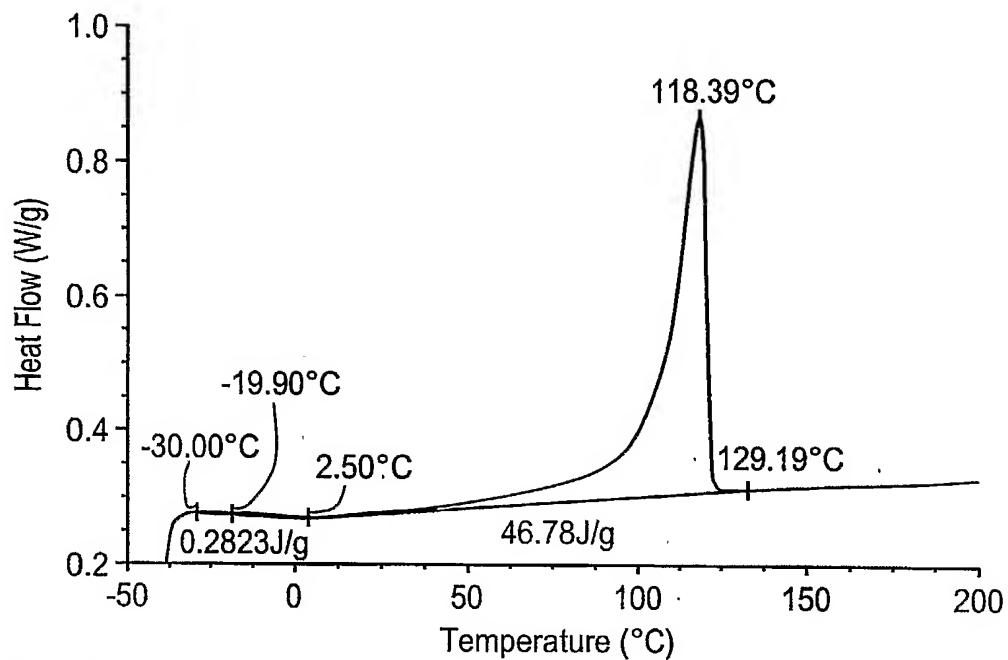


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FIG. 39

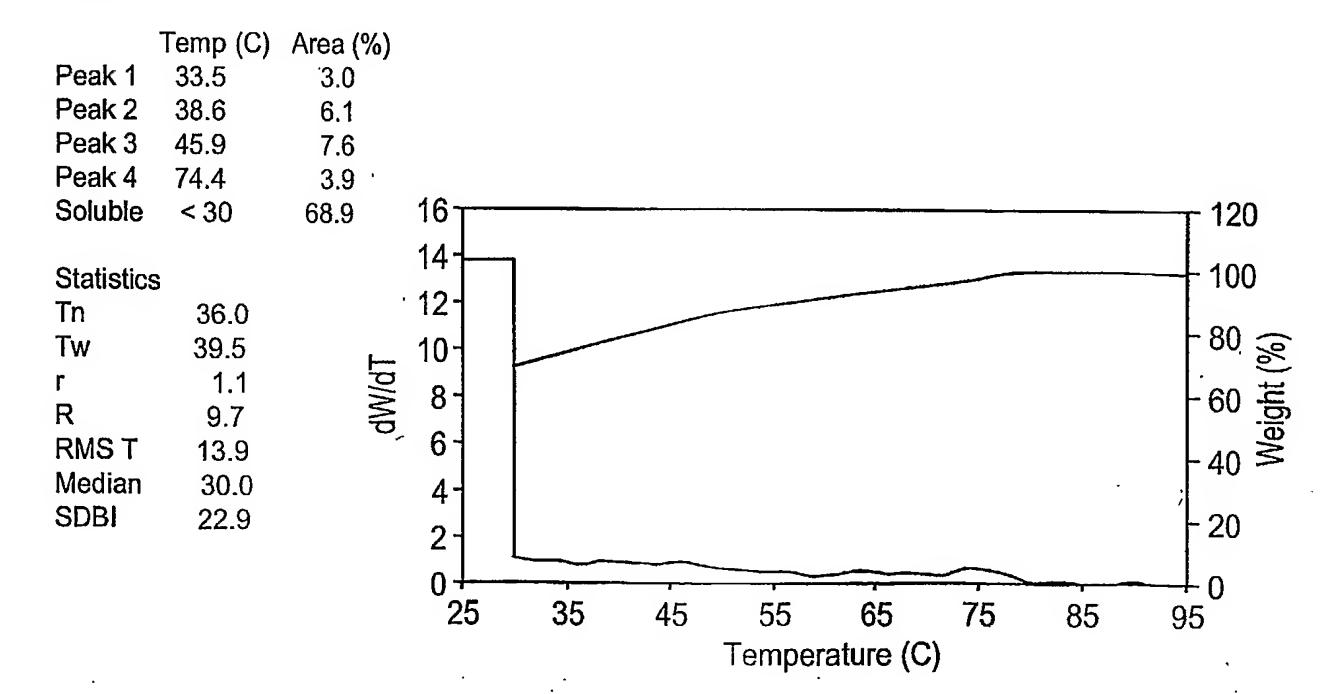
DSC Example 27



CRYSTAF Report LIMS #: 80542

Reference: 200402602-47-4

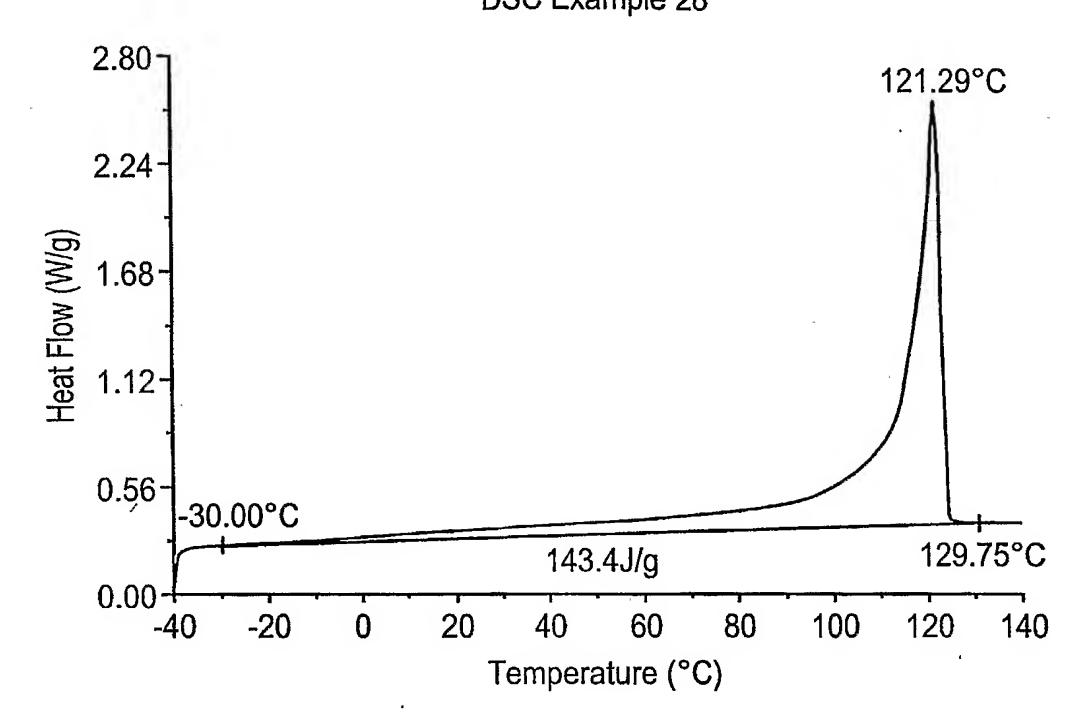
Crystaf ID: 85-05



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FIG. 40
DSC Example 28

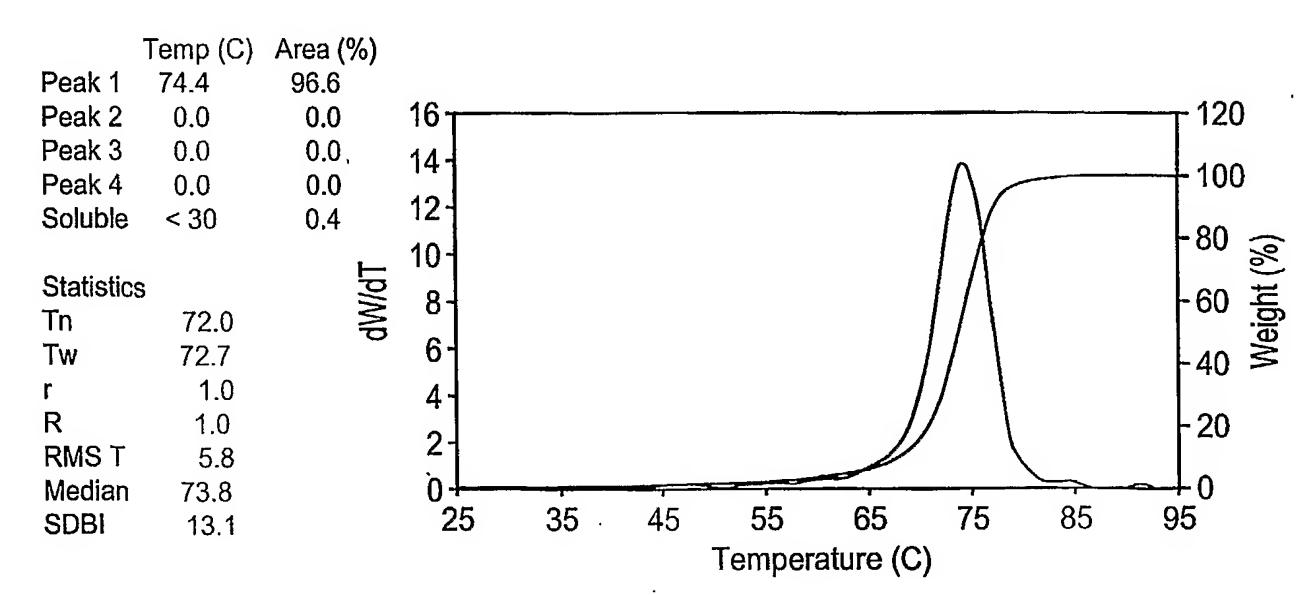


CRYSTAF Report

LIMS #: 81959

Reference: 200402602-50-6

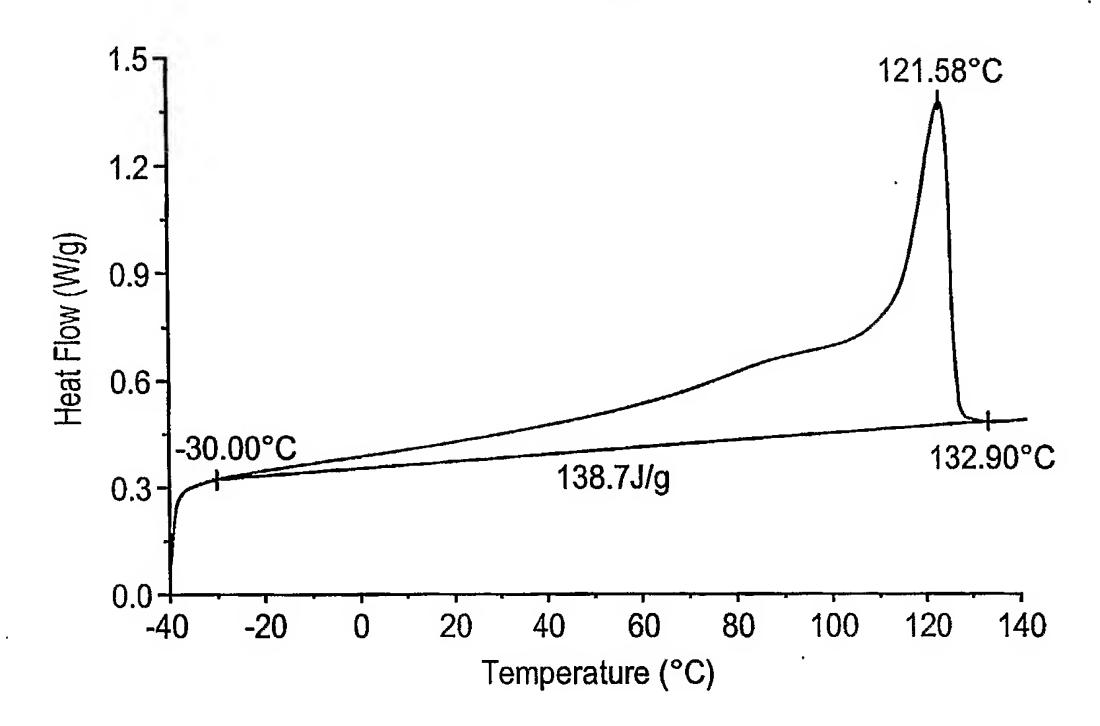
Crystaf ID: 140-05 -



SUBSTITUTE SHEET (RULE 26)

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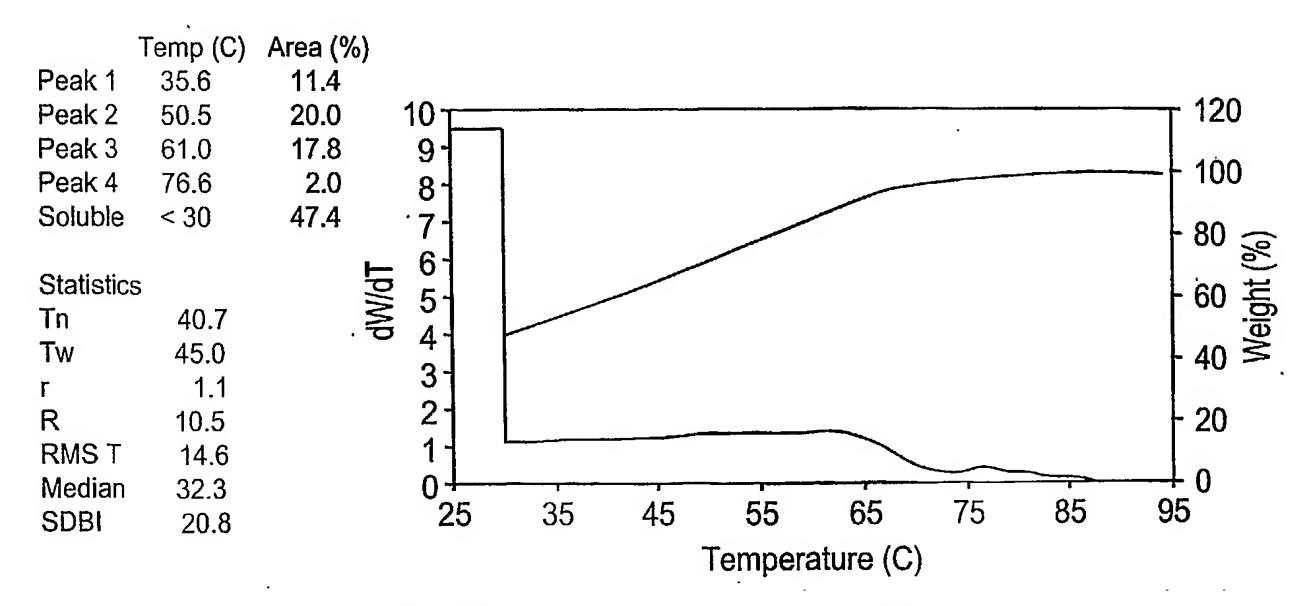
FIG. 41
DSC Example 29



CRYSTAF Report LIMS #: 78640

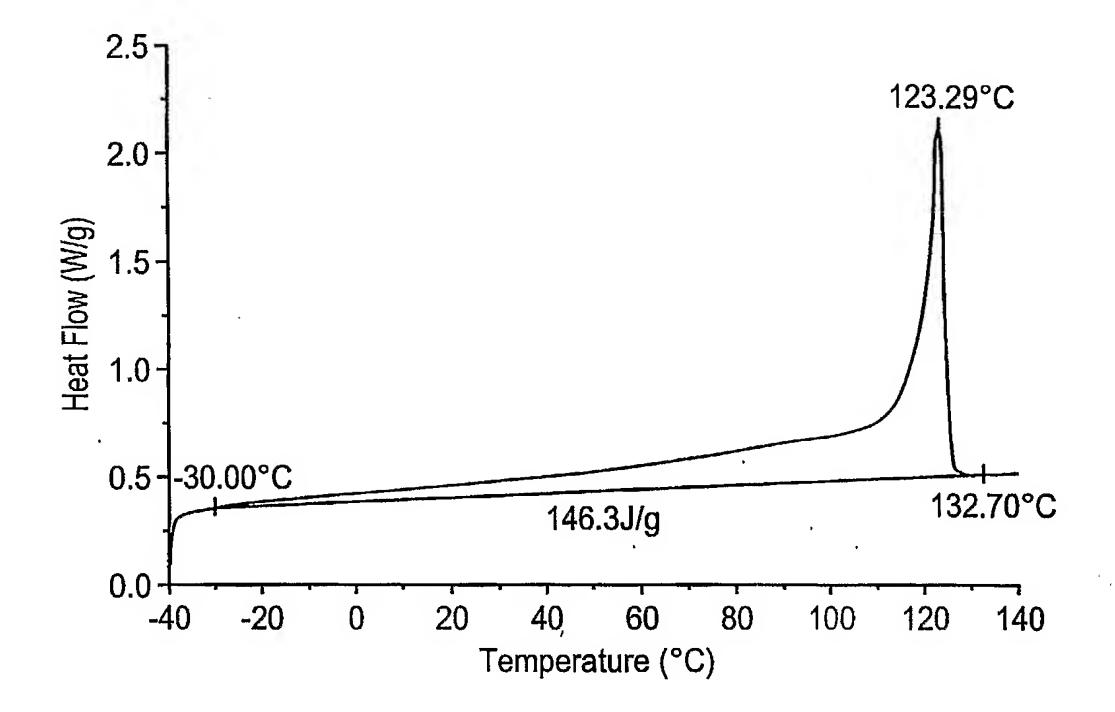
Reference Lib: 103875 B6

Crystaf ID: 143-05



SUBSTITUTE SHEET (RULE 26)

38/48 **FIG. 42**DSC Example 30

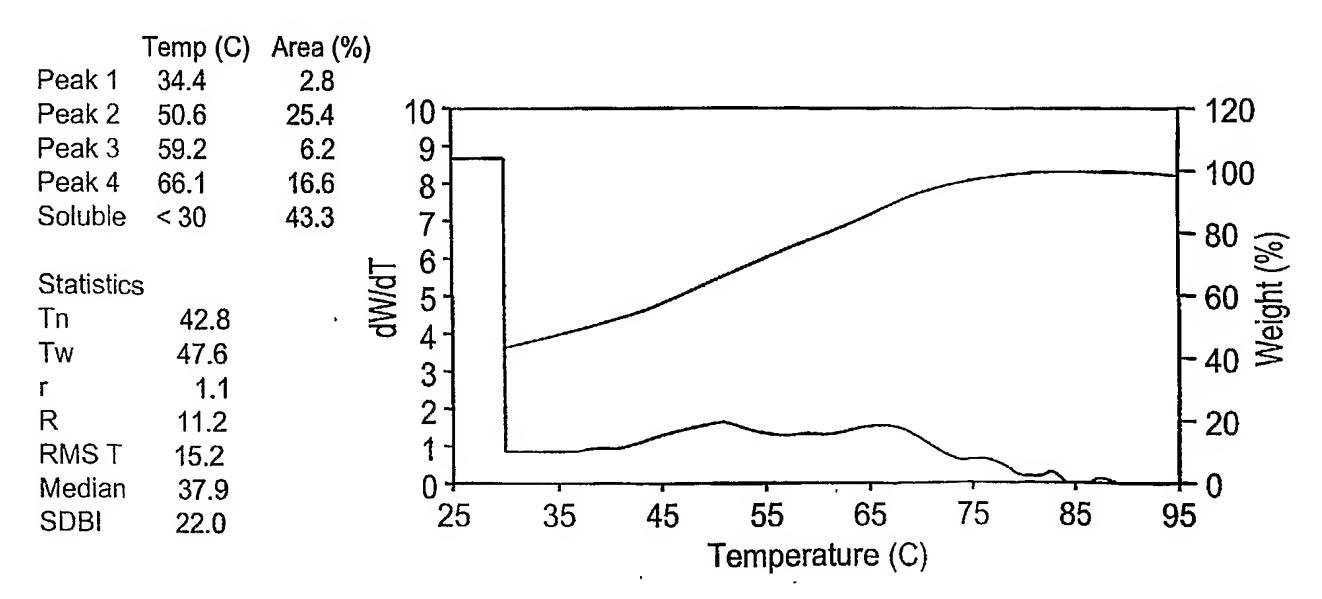


CRYSTAF Report

LIMS #: 78644

Reference Lib: 103975 C6

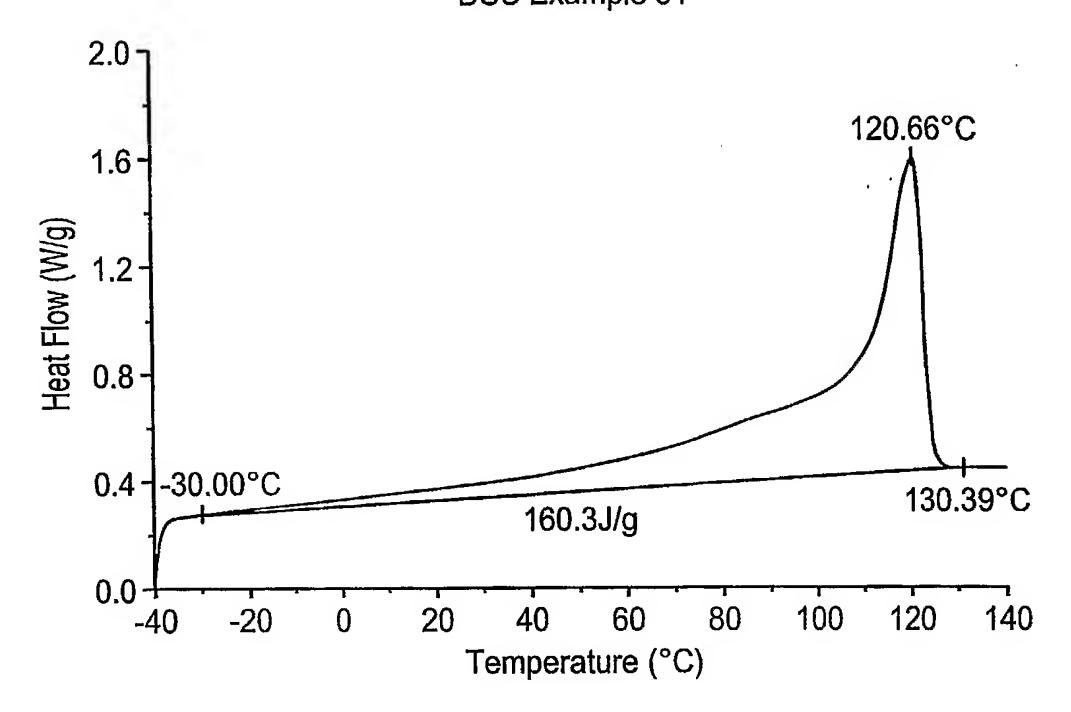
Crystaf ID: 145-05



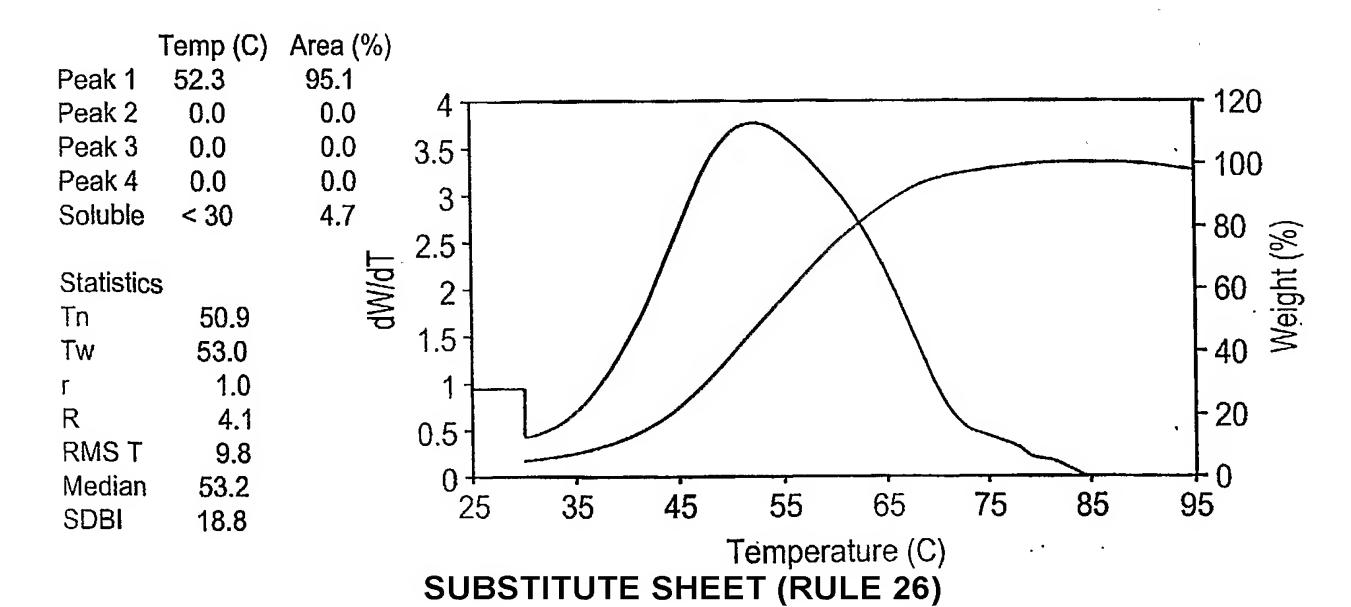
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FIG. 43
DSC Example 31

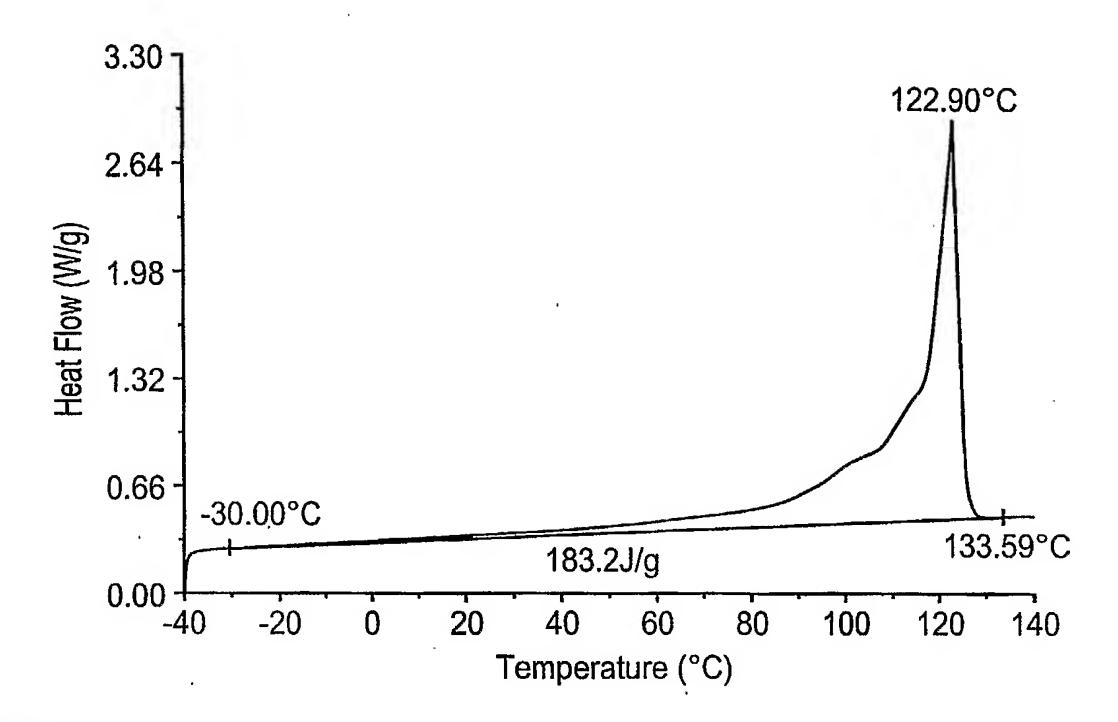


CRYSTAF Report
LIMS #: 78648
Reference Lib: 103975
Crystaf ID: 147-05



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FIG. 44
DSC Example 32

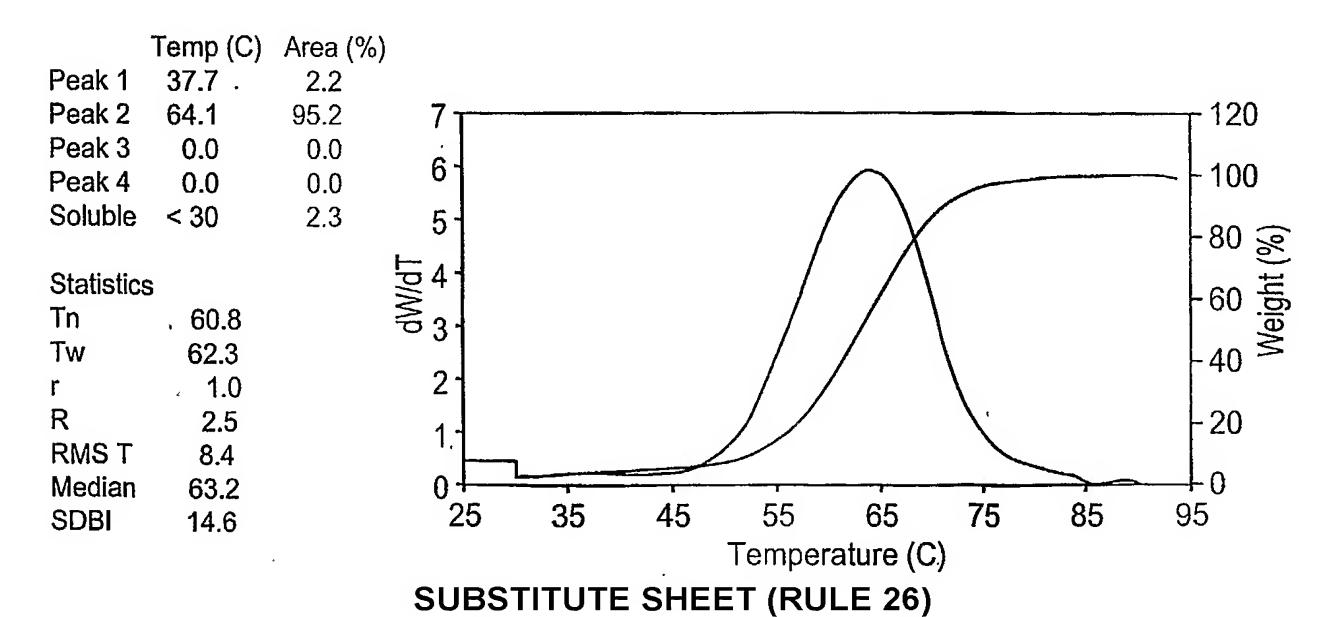


CRYSTAF Report

LIMS #: 78651

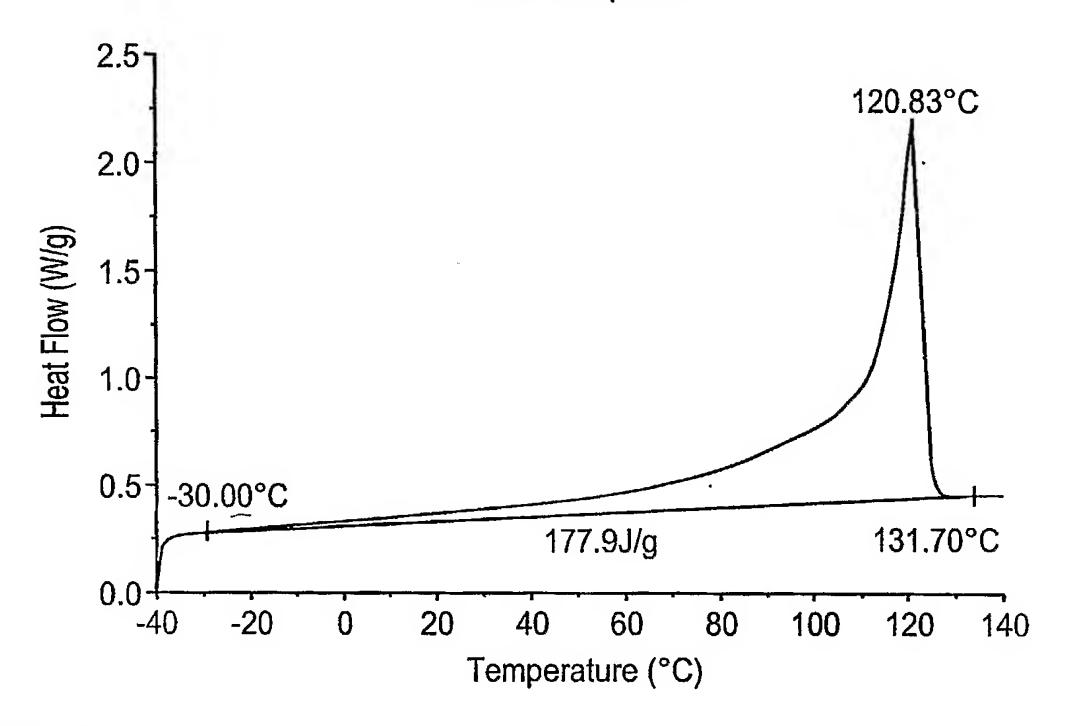
Reference: Lib 103975 E6

Crystaf ID: 148-05



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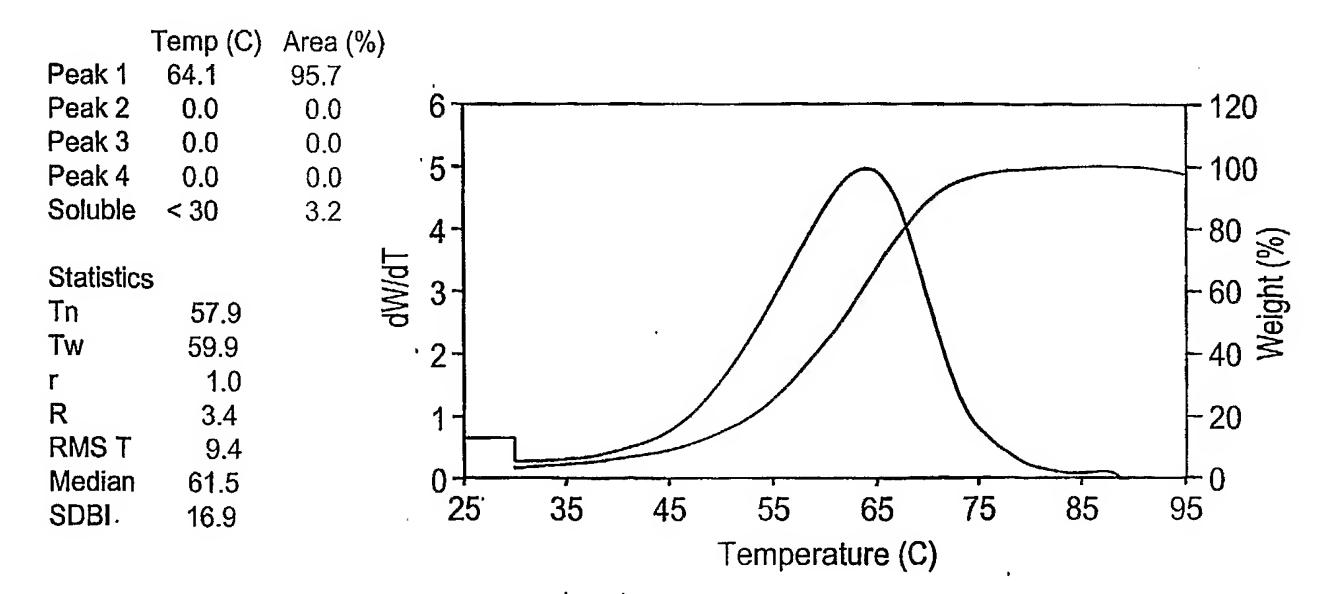
FIG. 45
DSC Example 33



CRYSTAF Report LIMS #: 78659

Reference: Lib 103975 G6

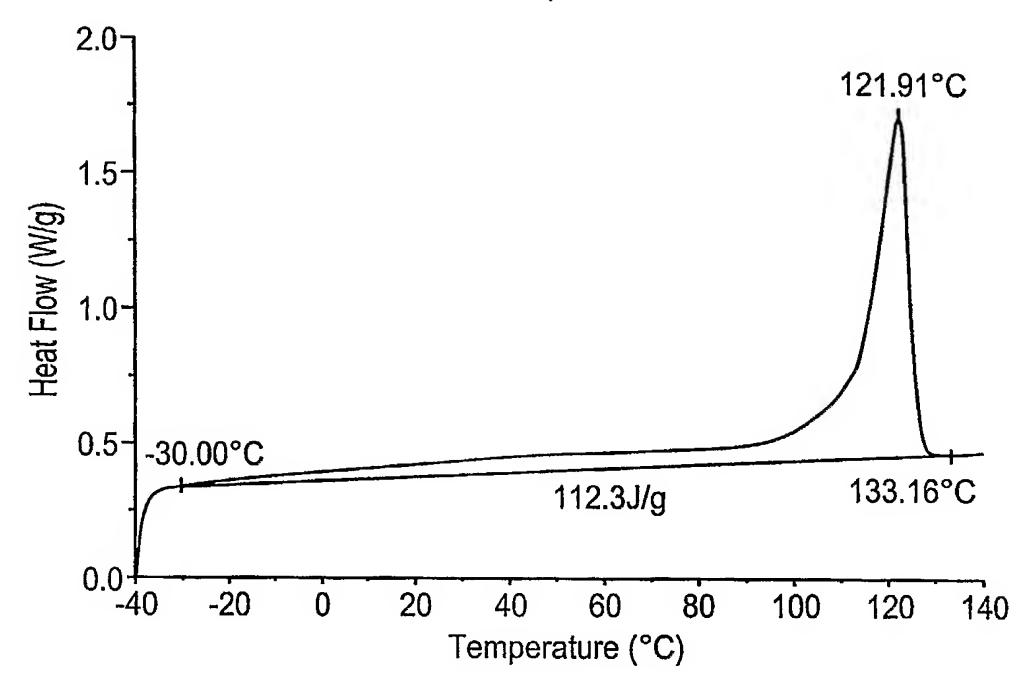
Crystaf ID: 152-05



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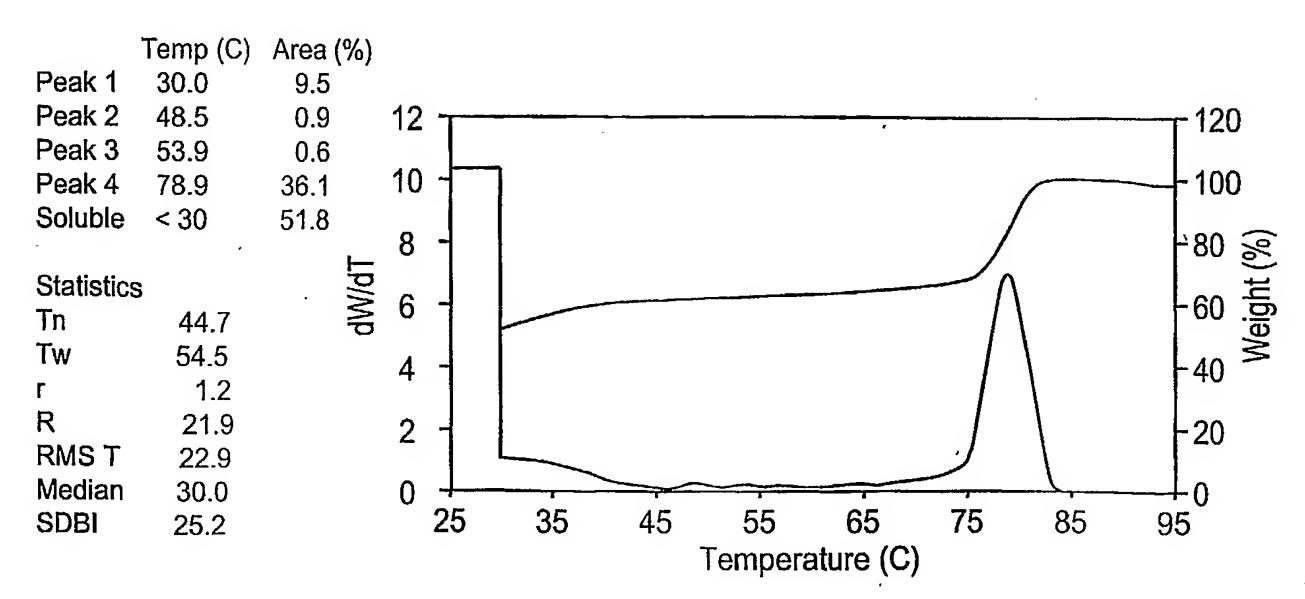




CRYSTAF Report LIMS #: 78637

Reference: Lib 103875 B1

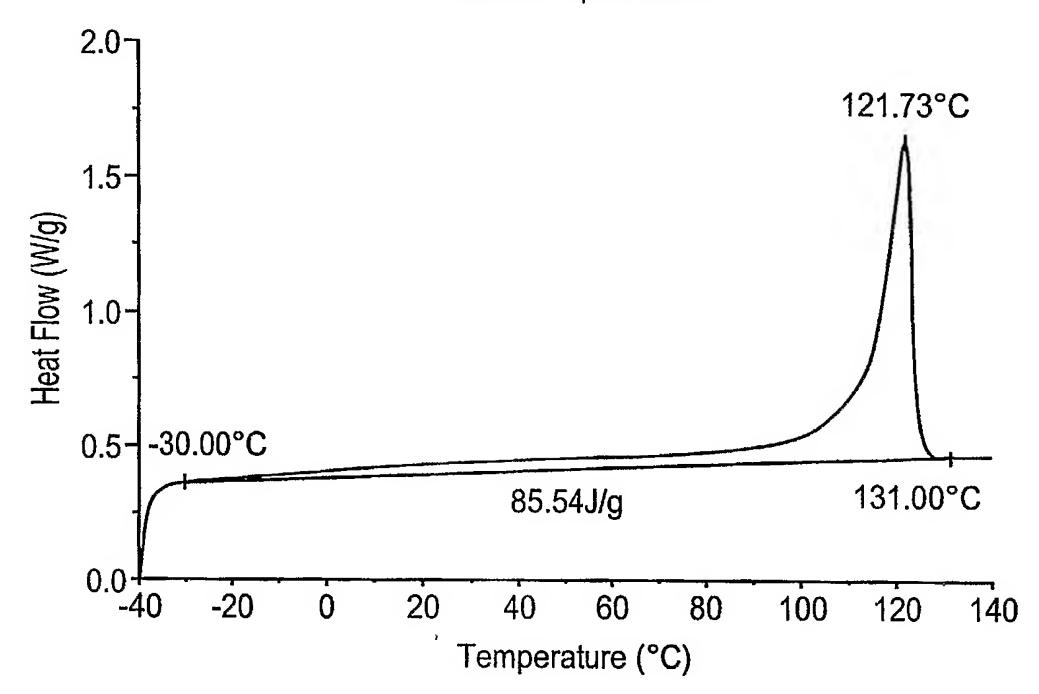
Crystaf ID: 142-05



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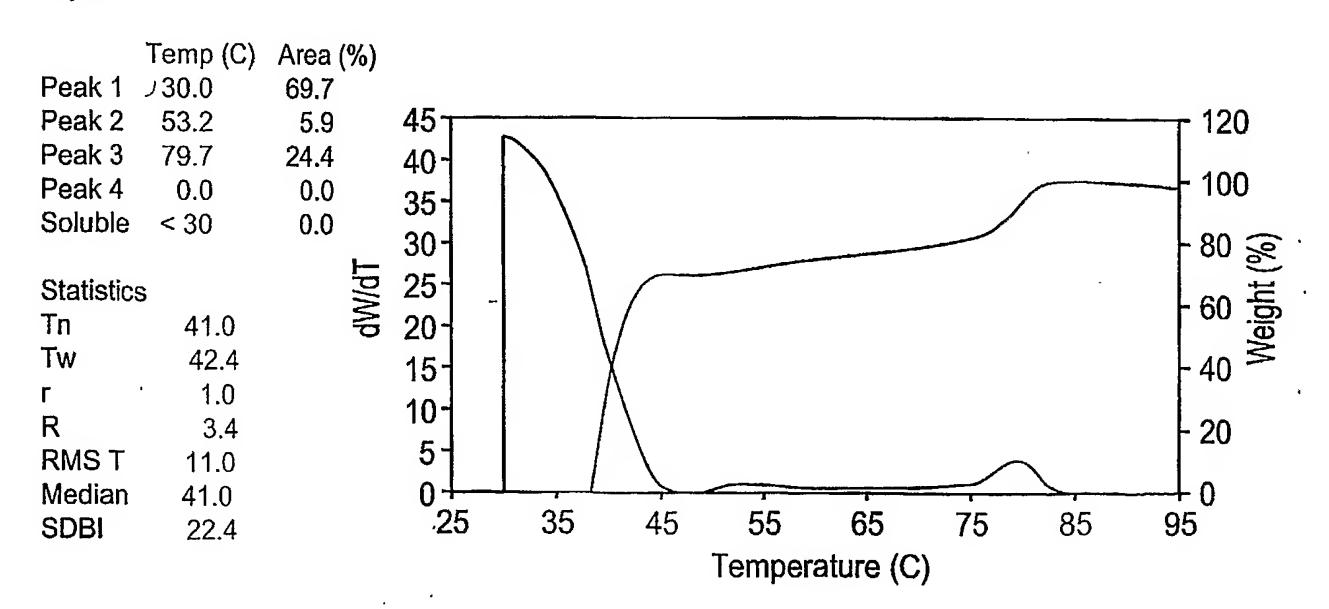


CRYSTAF Report

LIMS #: 78641

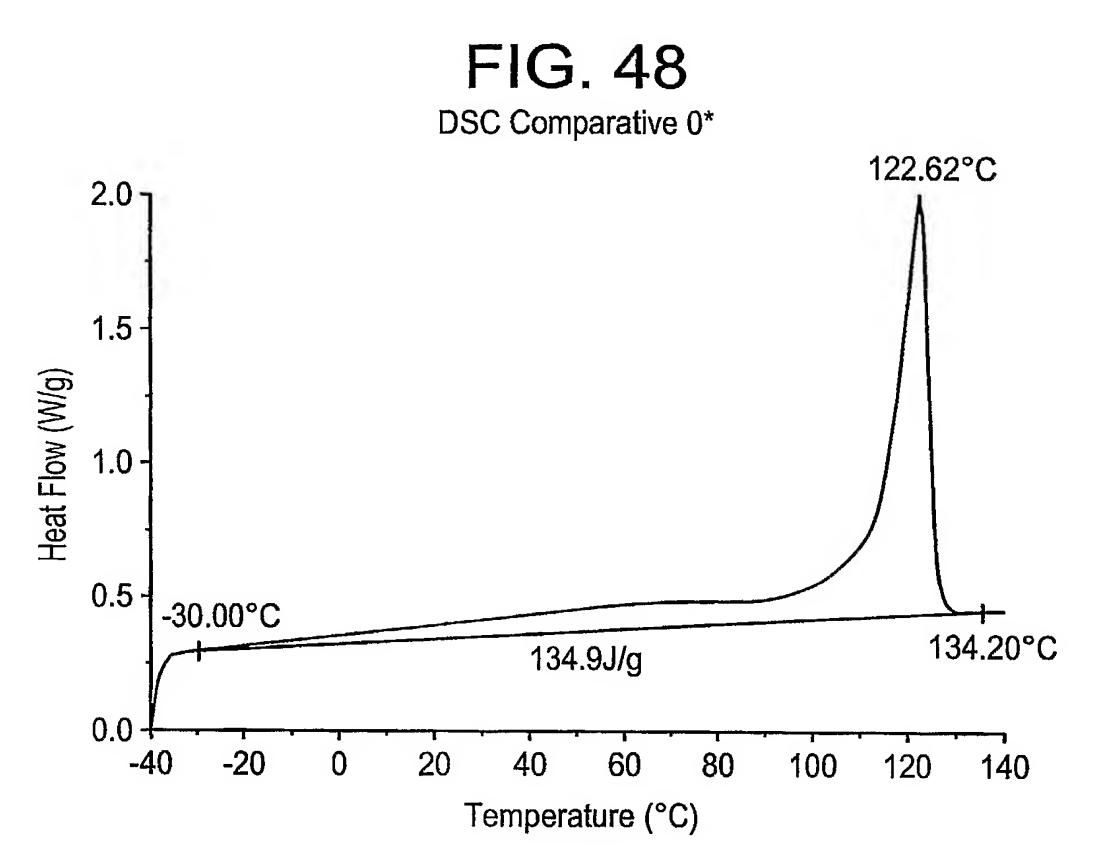
Reference: Lib 103875 C1

Crystaf ID: 144-05

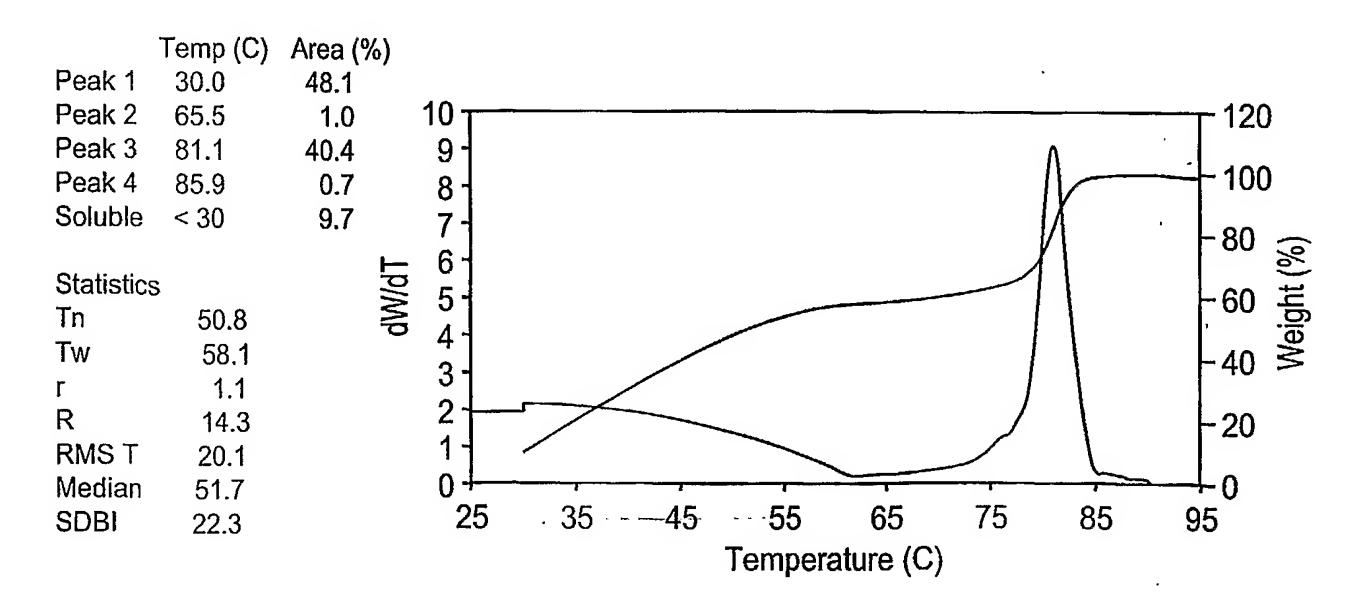


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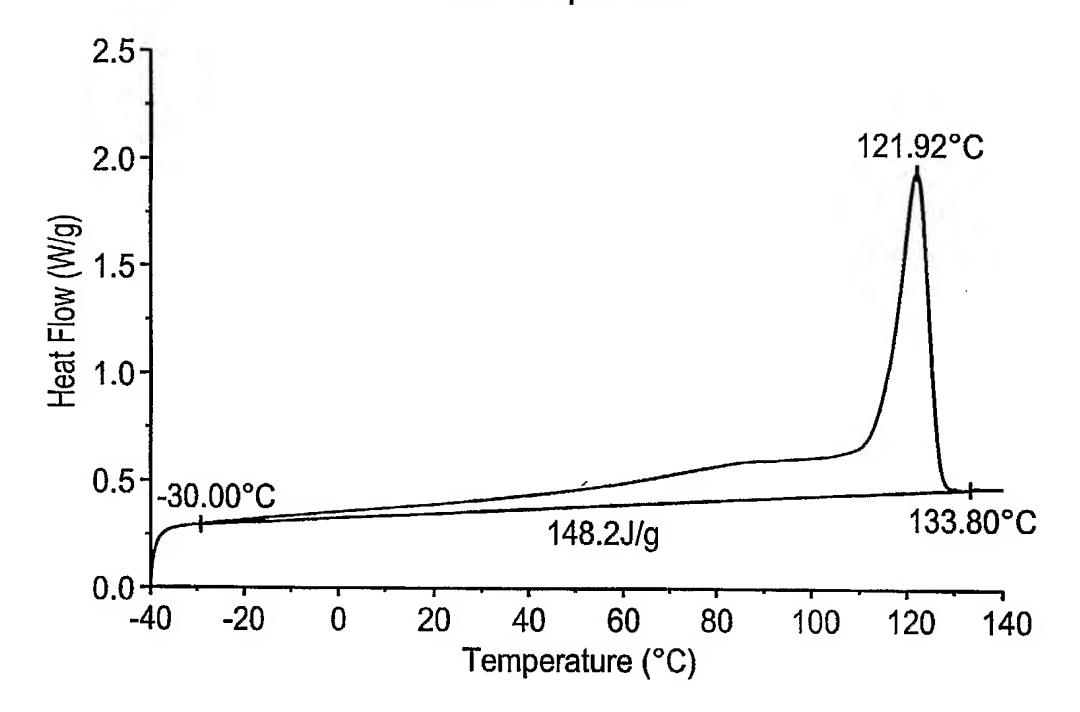
CRYSTAF Report LIMS #: 78645 Reference: 103975 D1 Crystaf ID: 146-05



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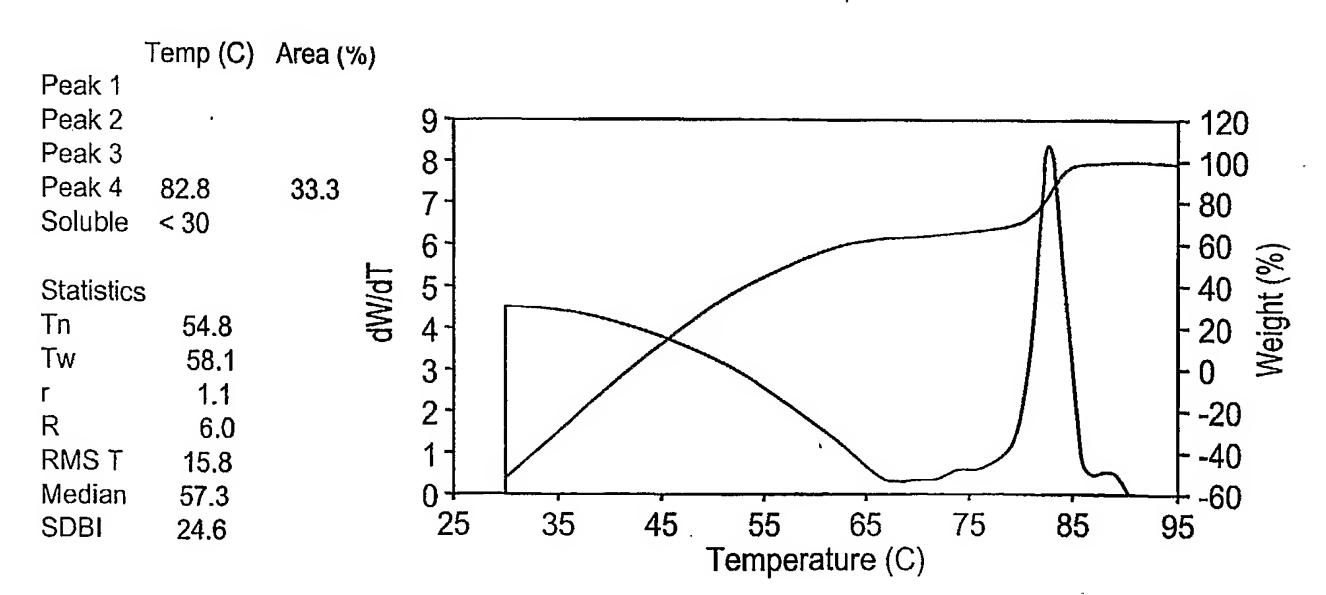
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FIG. 49
DSC Comparative P*



CRYSTAF Report

LIMS #: 78657 Reference: 103975 G4 Crystaf ID: 151-05

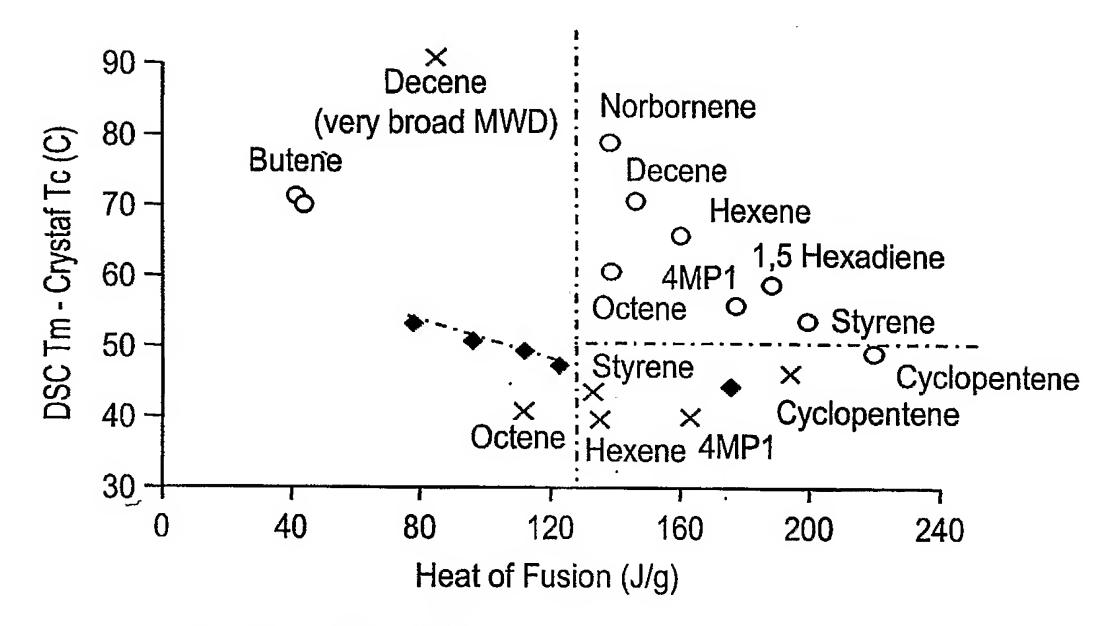


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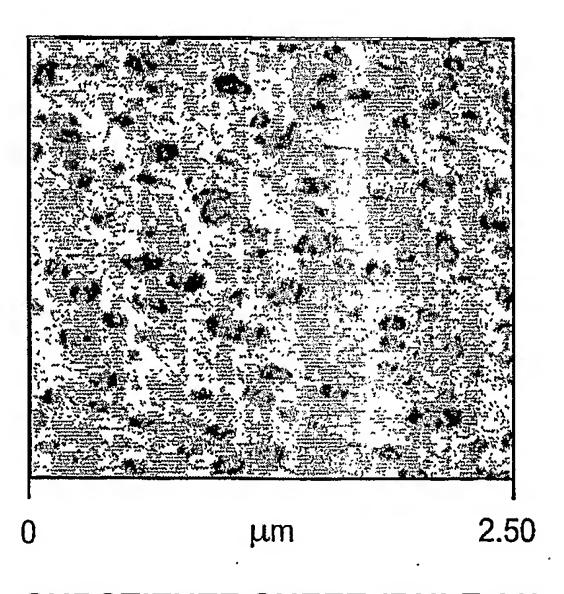
FIG. 50

Delta DSC-CRYSTAF Relationship with DSC Melt Enthalpy



- Random Ethylene Octene
- × Comparative copolymer examples with MMAO
- Inventive copolymer examples

FIG. 51



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FIG. 52

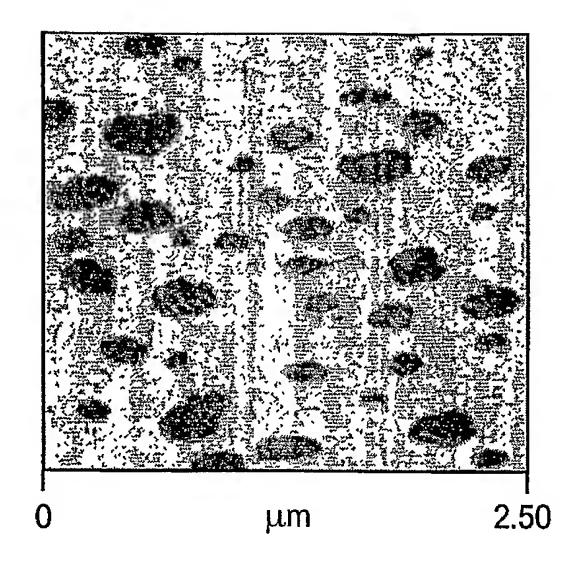
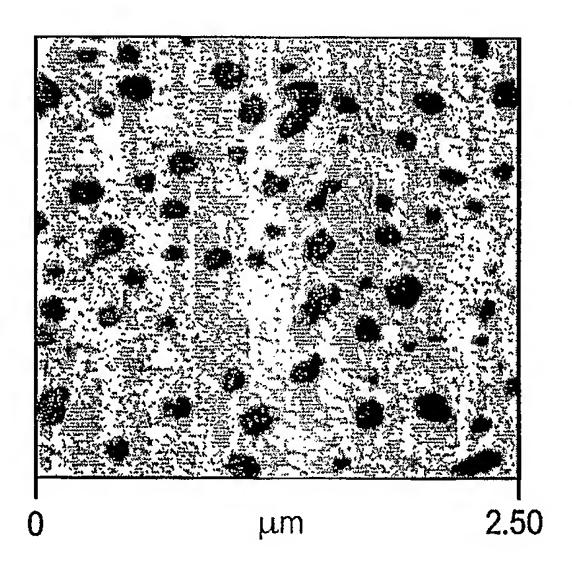
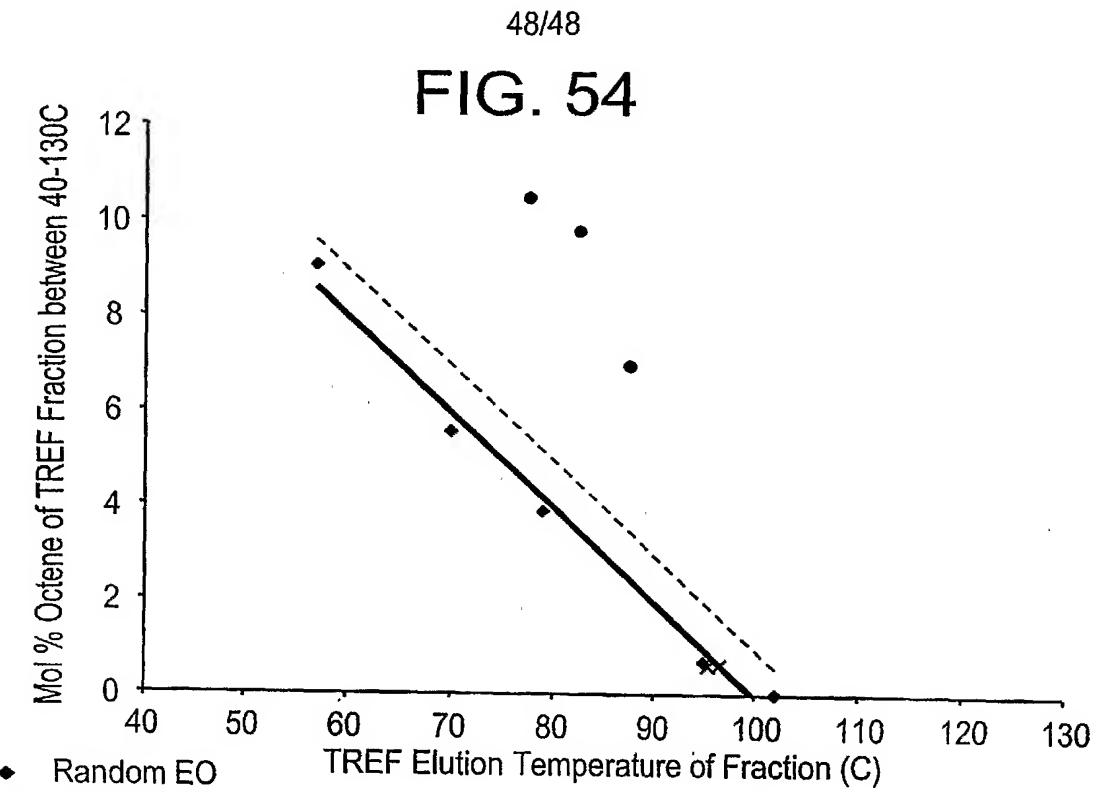


FIG. 53





- Inventive Example 5
- Comparative Example E* and F*
- ---y = -0.2013 (TREF Elution Temp) + 21.07
- y = -0.2013 (TREF Elution Temp) + 20.07

FIG. 55

